

eCast Monthly External Customized Report for 2007-12-01 ~ 2007-12-31

January 15, 2008

Copyright (c) Atmospheric and Environmental Research (AER), Inc., 2008

AER Proprietary Information --

Release or disclosure only with the expressed written permission of AER

ECMWF Temperature MAE Regional Summary

Max (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	2.2	2.4	2.7	2.9	3.4	3.9	4.7	5.2	5.1	5.4	5.4	5.4	5.4	5.3	5.5

Min (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	2.0	2.1	2.4	3.1	3.5	4.1	4.8	5.1	5.1	4.9	5.0	5.1	5.1	5.1	5.5

ECMWF Temperature BIAS Regional Summary

Max (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	0.4	0.5	0.5	0.0	-0.1	-0.7	-0.8	-0.6	-0.7	-0.9	-0.6	-0.3	-0.0	0.5	0.5

Min (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
CUST2	-0.0	-0.2	-0.7	-1.2	-1.0	-1.6	-1.8	-1.9	-2.0	-1.1	-0.9	-0.7	-0.7	-0.5	0.1

ECMWF Temperature MAE in CUST2

Max (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
DFW	2.6	3.1	3.7	4.7	5.0	6.0	7.6	8.1	8.1	9.6	9.3	9.5	9.2	8.9	8.7
IAH	2.0	2.0	2.7	2.9	2.5	3.8	5.5	6.1	6.0	6.5	7.5	7.5	7.6	7.6	7.9
LAX	3.4	3.0	3.2	3.2	4.1	4.5	4.7	5.2	5.6	4.1	4.2	4.4	4.5	3.9	3.7
LGA	1.9	2.3	2.0	1.9	2.5	3.2	3.5	4.7	4.4	5.2	4.8	4.9	5.2	5.1	5.4
ORD	2.3	2.8	3.7	4.1	5.0	4.9	6.7	6.2	5.9	6.2	6.2	6.1	5.4	5.6	5.8
PHL	2.3	2.5	2.6	2.8	3.7	4.3	4.4	5.4	5.2	5.8	5.3	5.3	5.4	5.5	6.2
SEA	1.5	1.3	1.7	1.8	2.0	2.5	2.9	3.2	3.5	4.1	4.1	3.6	3.8	3.6	3.4
SFO	1.6	1.9	2.0	2.0	2.1	2.2	2.3	2.2	2.2	2.1	2.0	2.1	2.2	2.5	2.6

Min (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
DFW	2.7	2.4	2.9	2.8	3.4	4.3	5.7	5.2	4.6	6.8	7.2	7.6	8.0	7.7	7.9
IAH	2.1	2.3	2.7	2.6	3.2	3.6	5.3	6.4	6.4	8.5	9.0	9.2	9.7	10.2	11.2
LAX	2.2	2.2	2.8	5.4	4.8	5.4	6.1	7.0	7.6	2.6	3.0	3.0	2.8	2.9	3.1
LGA	1.5	1.9	2.1	2.6	3.4	3.6	3.8	4.3	4.4	4.2	4.0	4.0	4.2	4.2	4.7
ORD	2.3	2.3	2.9	3.7	4.2	6.1	6.3	5.9	5.6	5.3	5.8	5.8	5.0	5.0	5.4
PHL	1.6	2.0	2.3	2.9	3.5	3.6	3.8	4.5	4.1	3.7	3.5	3.8	4.0	3.8	4.1
SEA	1.9	1.7	1.7	2.8	3.3	4.0	4.5	5.1	5.4	4.5	4.3	4.2	4.1	4.0	4.0
SFO	1.8	1.7	1.6	1.7	2.3	2.6	2.5	2.6	2.8	3.7	3.5	3.2	2.9	3.1	3.4

ECMWF Temperature BIAS in CUST2

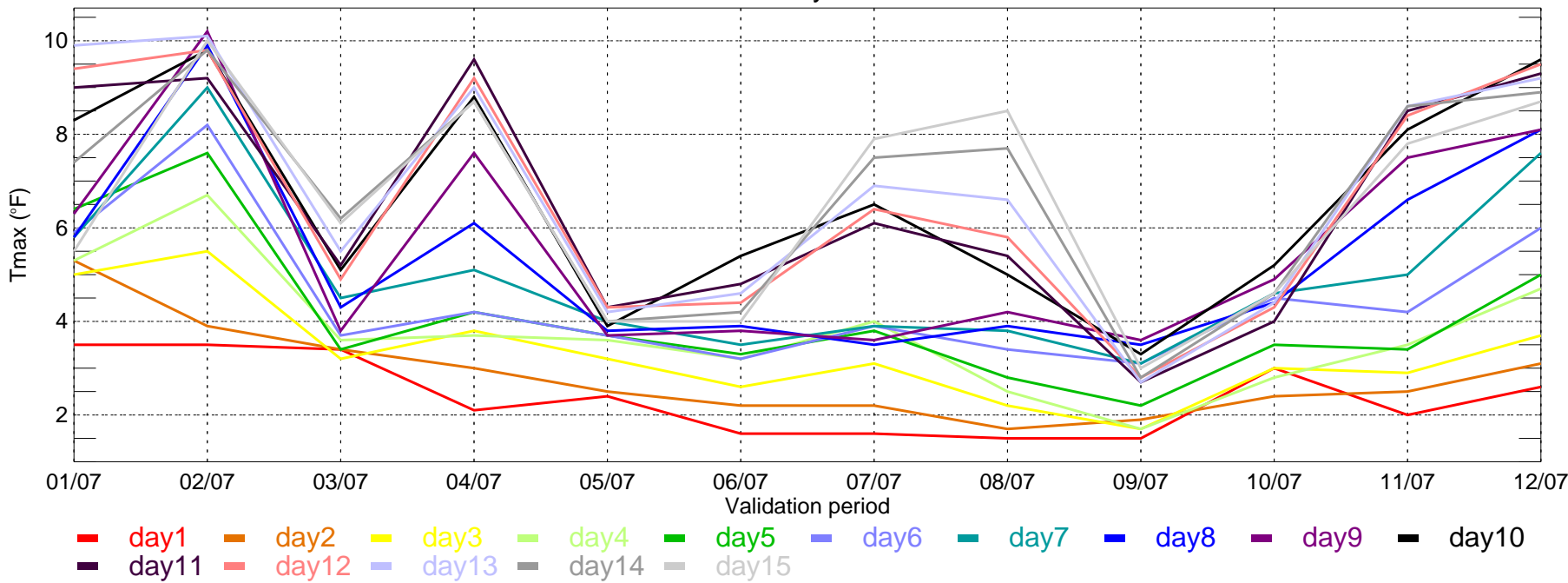
Max (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
DFW	-0.8	0.6	1.3	0.8	-1.0	-2.3	-2.5	-2.3	-2.7	-1.5	-0.7	-0.3	-0.1	0.2	0.0
IAH	-0.1	0.2	-0.1	-1.1	-1.4	-2.6	-2.9	-2.7	-2.9	-1.5	-1.9	-1.7	-1.5	-1.5	-1.5
LAX	2.3	1.5	1.5	1.1	2.7	3.2	3.4	4.0	4.4	-3.1	-3.1	-3.4	-3.0	-1.4	-0.7
LGA	0.1	-0.0	-0.2	-0.5	-0.6	-1.3	-2.3	-1.8	-1.8	1.0	1.6	2.0	2.2	2.5	1.9
ORD	-0.3	-0.6	-1.0	-1.2	-1.7	-2.7	-2.1	-2.1	-2.2	-1.2	0.1	0.5	0.8	1.2	0.6
PHL	0.8	1.0	0.8	0.8	1.1	0.4	-0.4	0.1	0.0	1.3	1.9	2.0	2.0	2.5	2.3
SEA	0.4	0.5	0.4	-0.2	-0.3	-0.5	-0.3	-0.4	-0.6	-2.7	-2.8	-2.0	-1.4	-1.1	-0.3
SFO	0.8	0.7	1.0	0.7	0.6	0.5	0.4	0.3	0.1	0.7	0.5	0.6	0.9	1.6	1.8

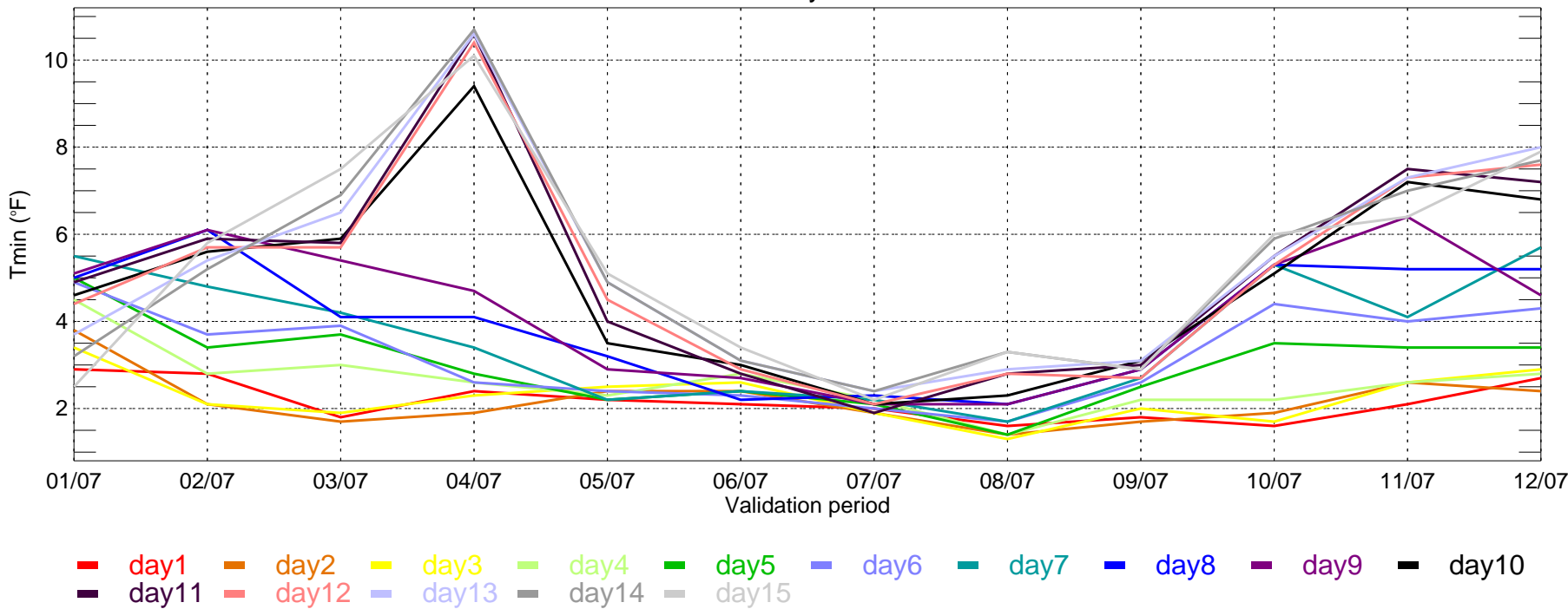
Min (2007-12-01~2007-12-31)

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11	Day 12	Day 13	Day 14	Day 15
DFW	0.4	0.5	0.3	1.0	0.5	0.4	0.7	0.7	0.6	2.5	3.3	3.5	3.6	3.6	4.2
IAH	1.0	0.6	-0.7	-0.5	0.0	-0.4	-0.3	0.3	0.4	1.6	1.2	1.0	0.7	2.0	3.3
LAX	-0.9	-1.6	-2.5	-5.1	-4.4	-5.3	-6.1	-7.0	-7.6	-1.7	-1.9	-1.8	-1.5	-1.3	-1.2
LGA	-0.0	0.1	-0.2	0.4	1.7	1.4	1.2	1.5	1.6	-1.3	-0.5	-0.0	-0.2	-0.3	0.3
ORD	-1.0	-1.1	-1.3	-1.7	-2.0	-3.3	-3.1	-3.3	-3.5	-3.1	-3.0	-2.7	-2.8	-2.4	-2.1
PHL	-0.2	-0.5	-0.5	-0.9	-0.2	-1.1	-2.3	-2.8	-2.9	-2.0	-1.7	-1.4	-1.4	-1.7	-0.7
SEA	-0.3	-0.4	-1.3	-2.5	-2.9	-3.3	-3.3	-3.6	-3.9	-2.8	-2.9	-3.0	-3.2	-2.8	-2.1
SFO	0.6	0.5	0.5	-0.4	-1.0	-1.2	-1.0	-0.7	-0.6	-1.7	-1.4	-1.2	-1.0	-1.1	-1.3

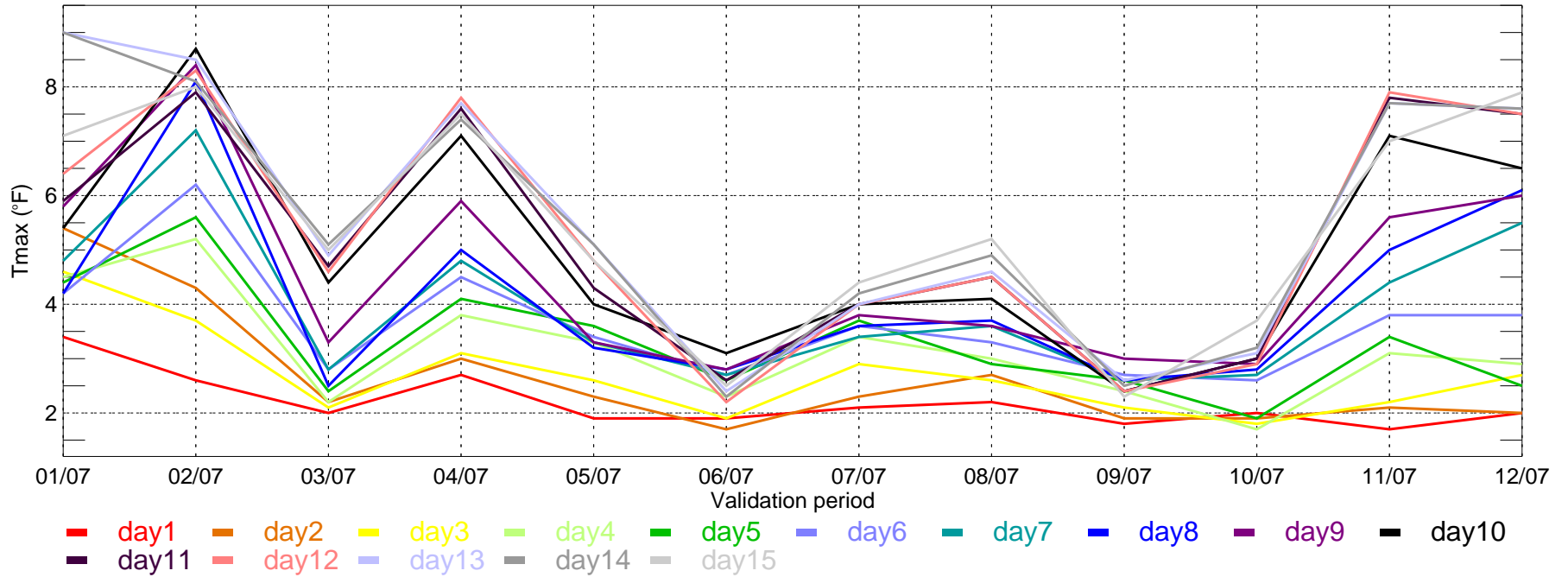
DFW: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



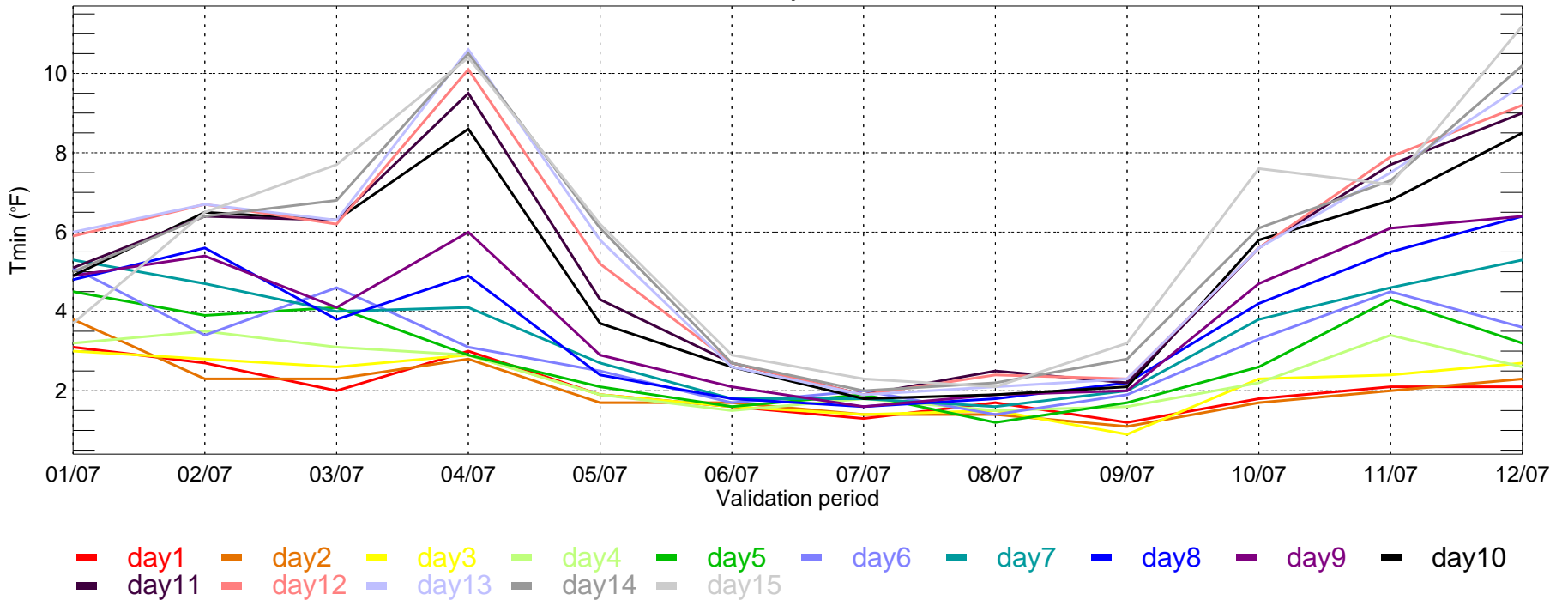
DFW: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



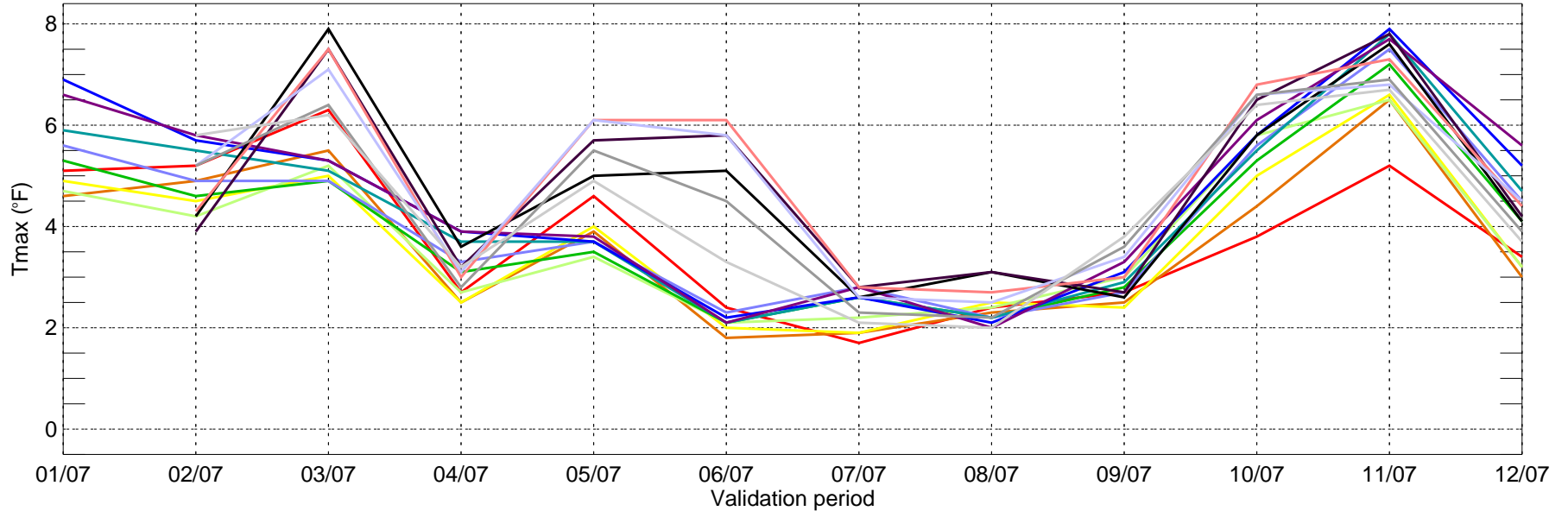
IAH: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



IAH: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31

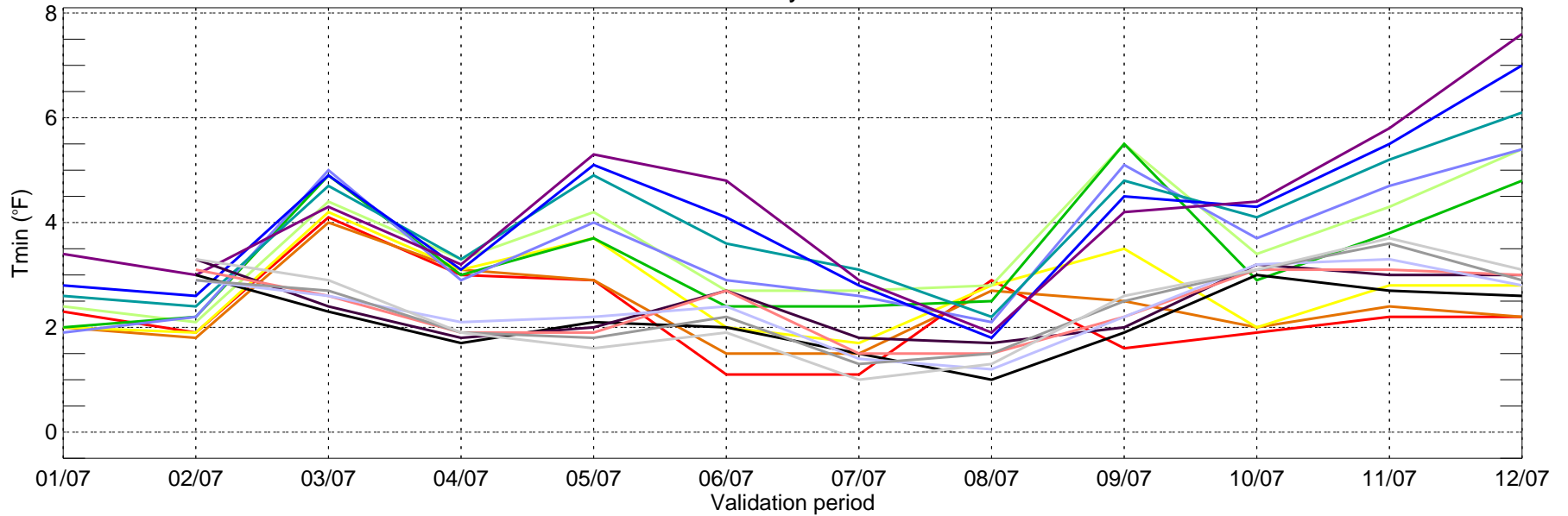


LAX: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



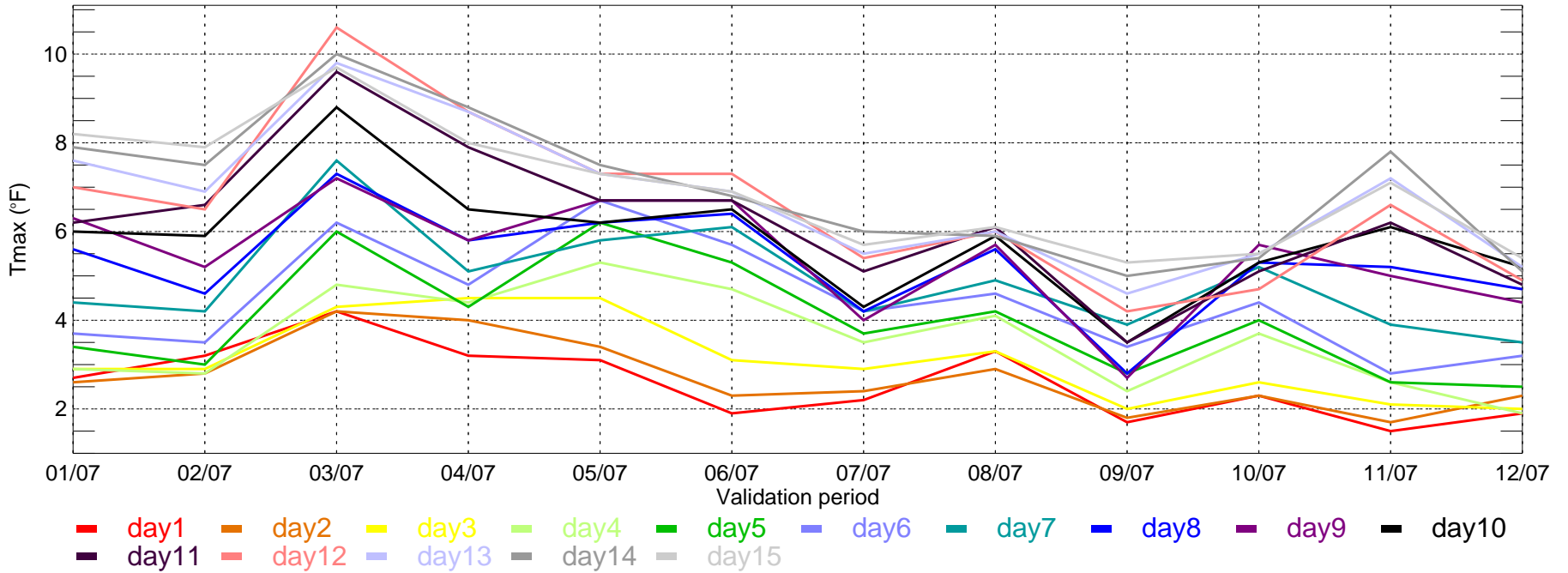
- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

LAX: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31

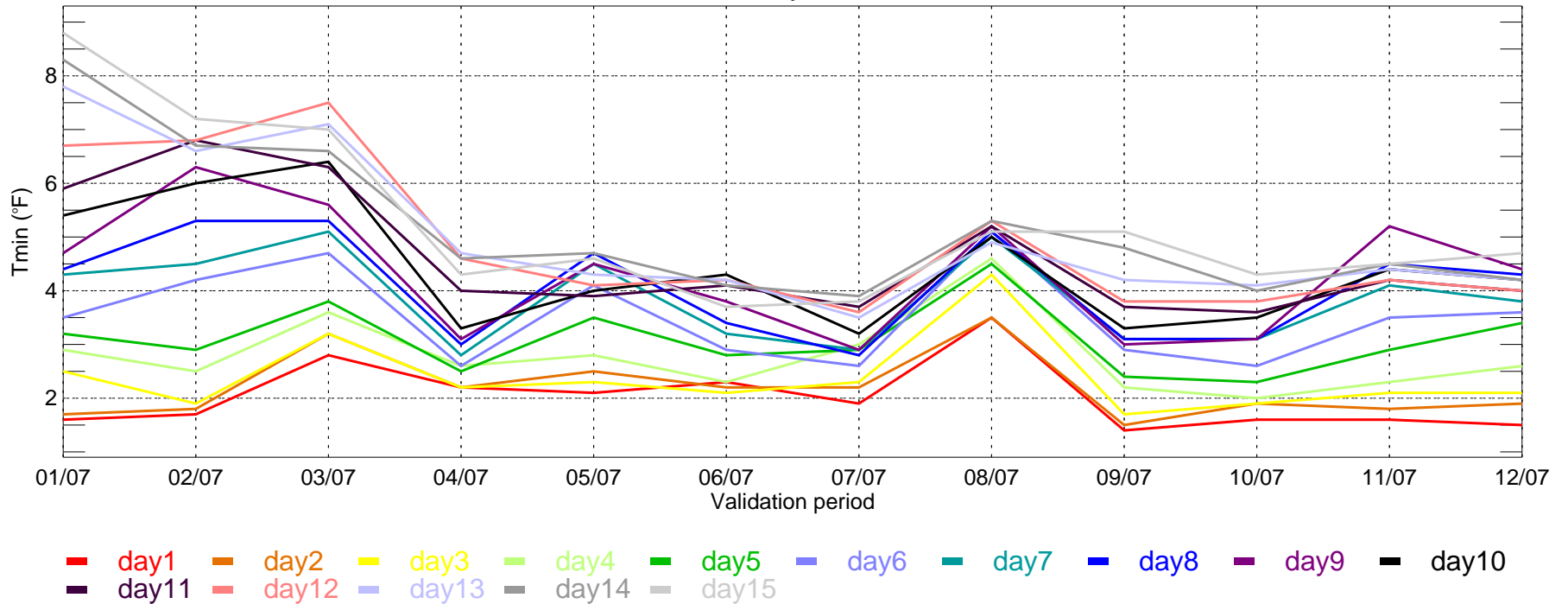


- day1
- day2
- day3
- day4
- day5
- day6
- day7
- day8
- day9
- day10
- day11
- day12
- day13
- day14
- day15

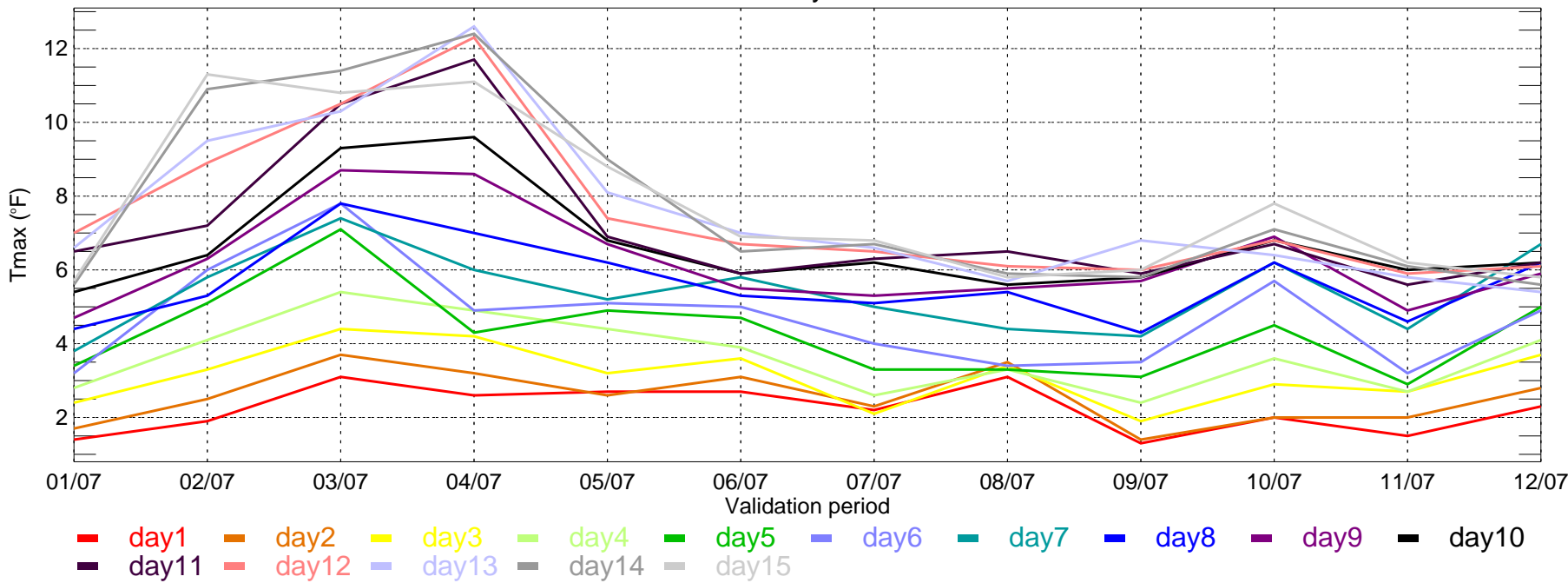
LGA: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



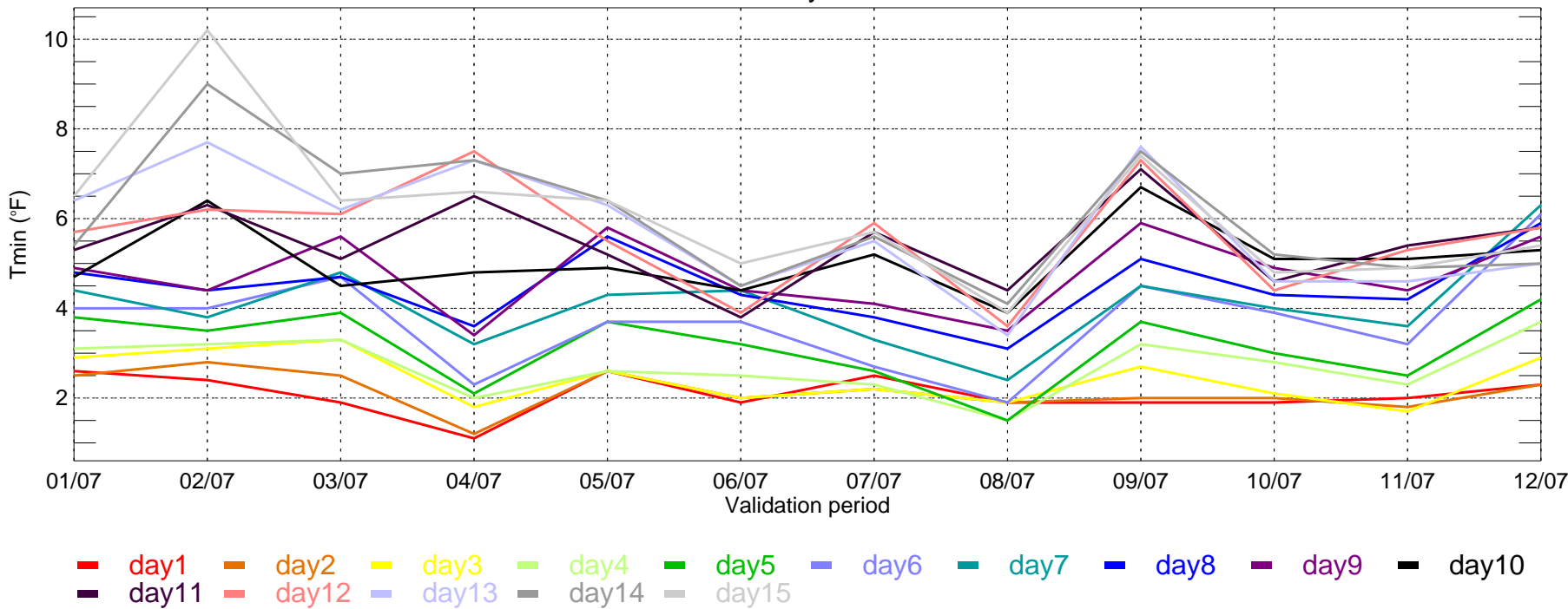
LGA: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



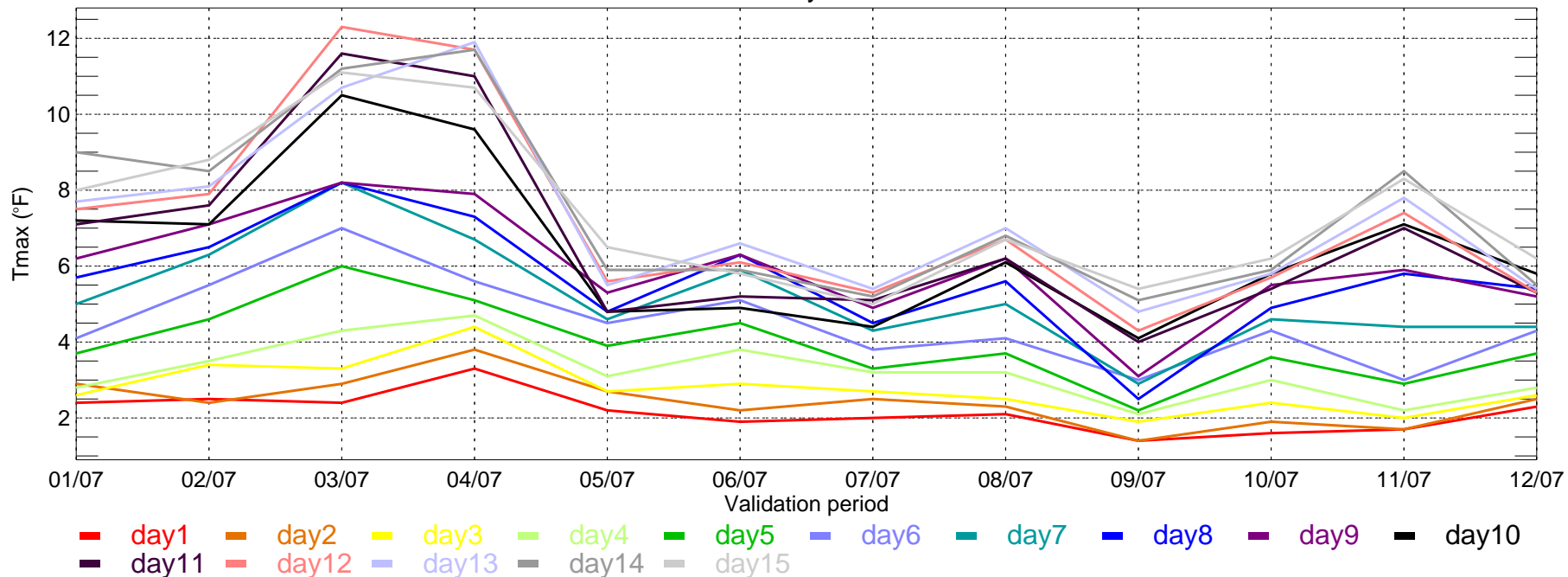
ORD: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



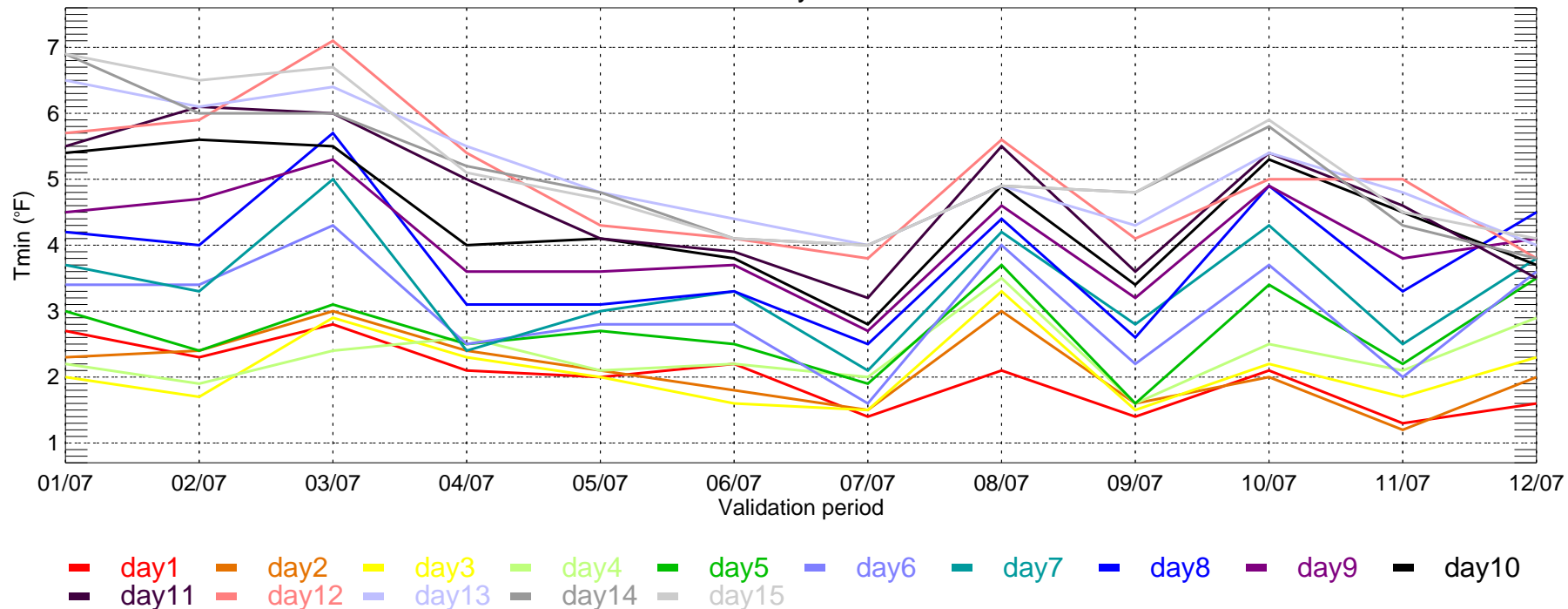
ORD: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



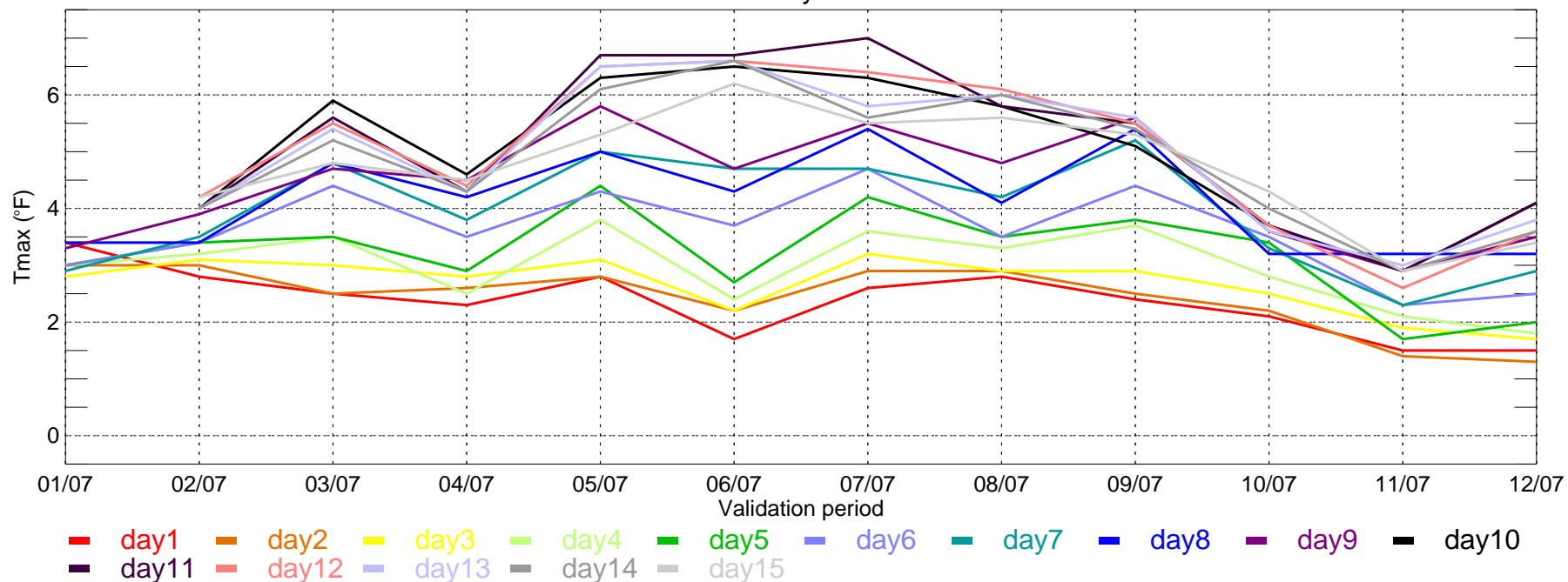
PHL: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



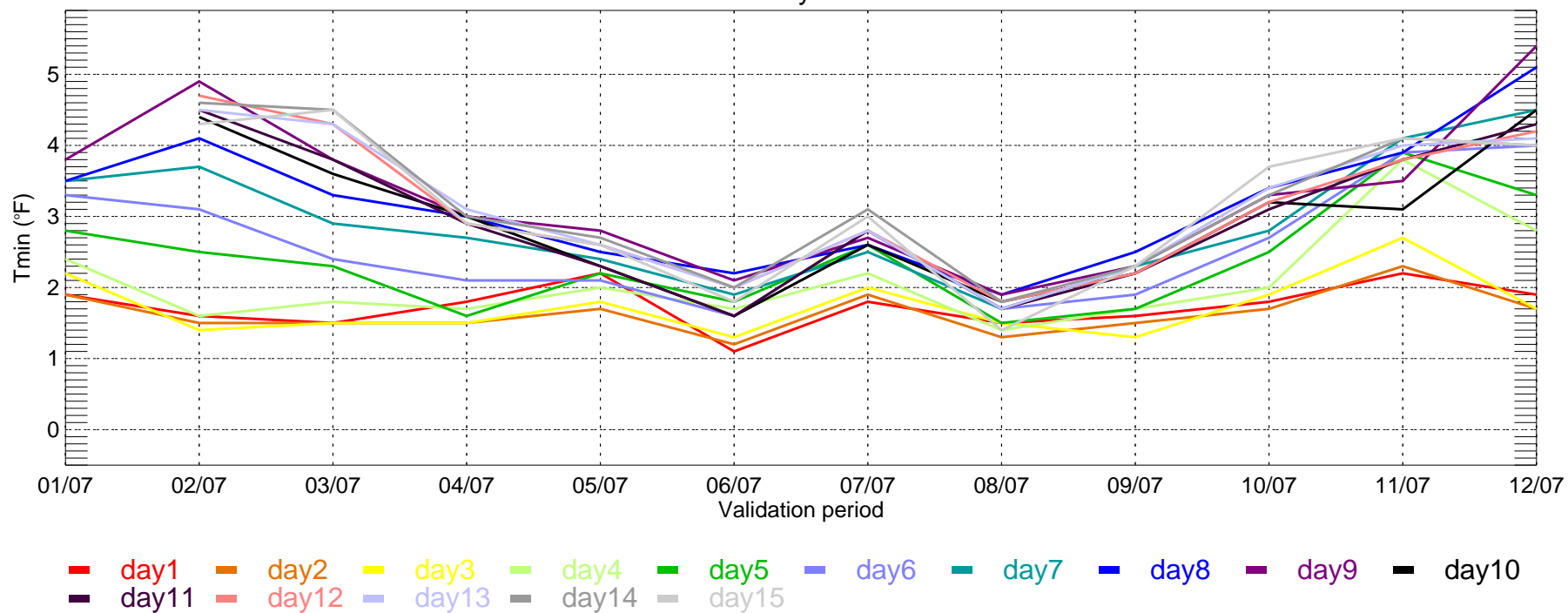
PHL: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



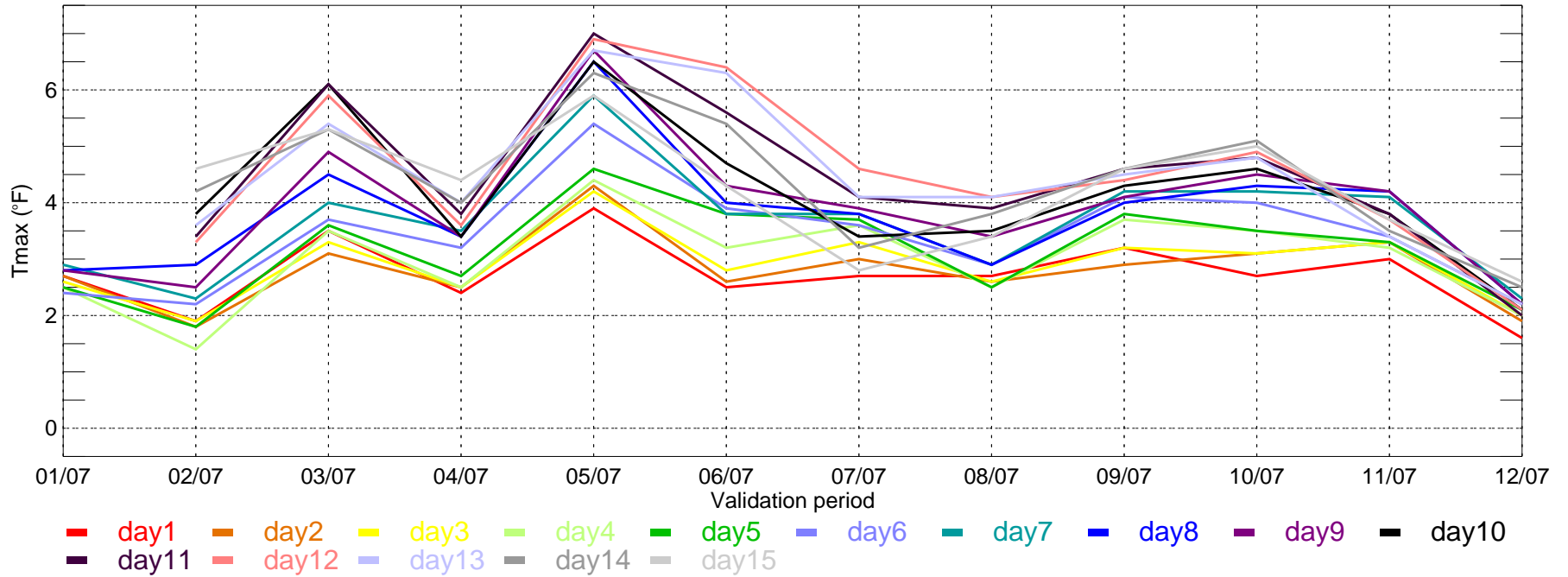
SEA: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



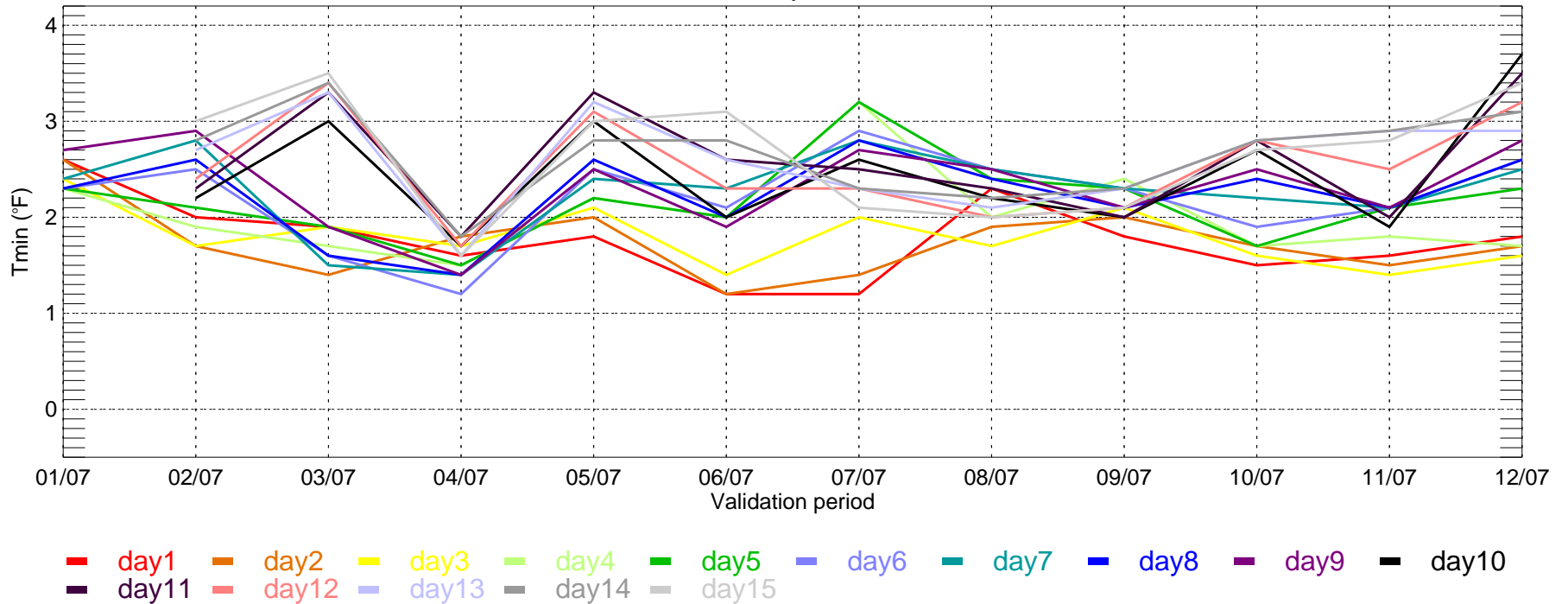
SEA: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



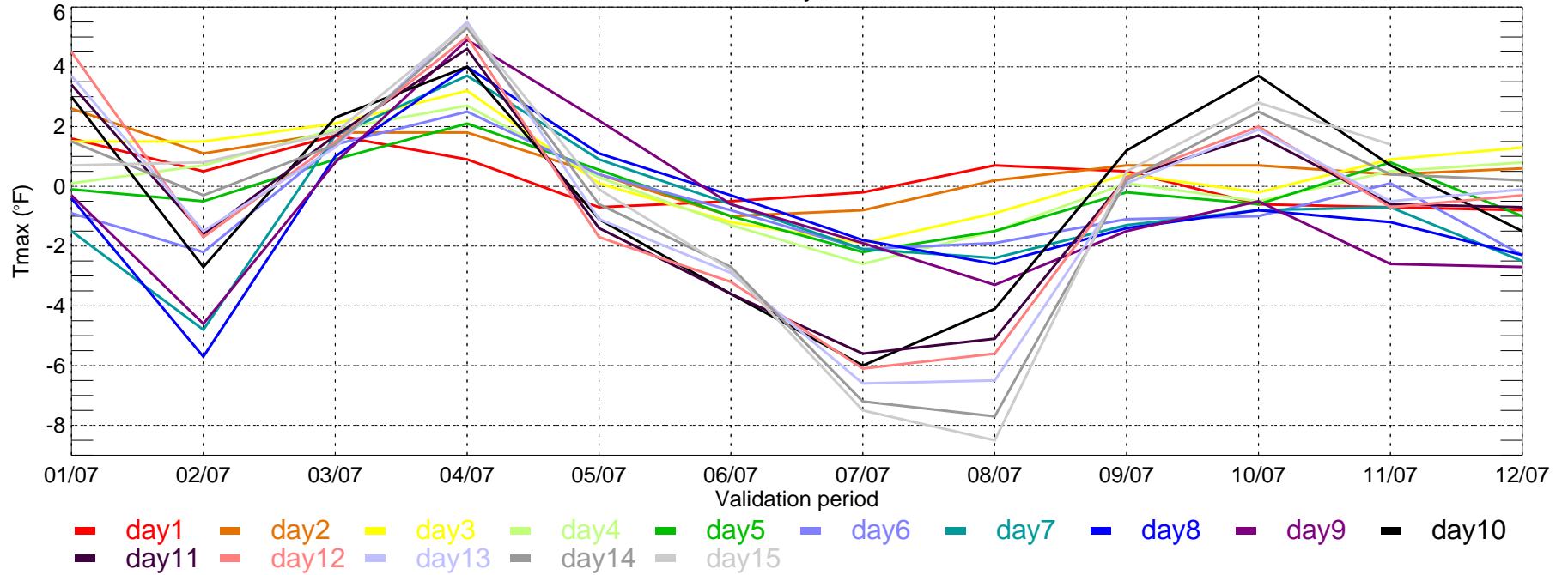
SFO: ECMWF MAE of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



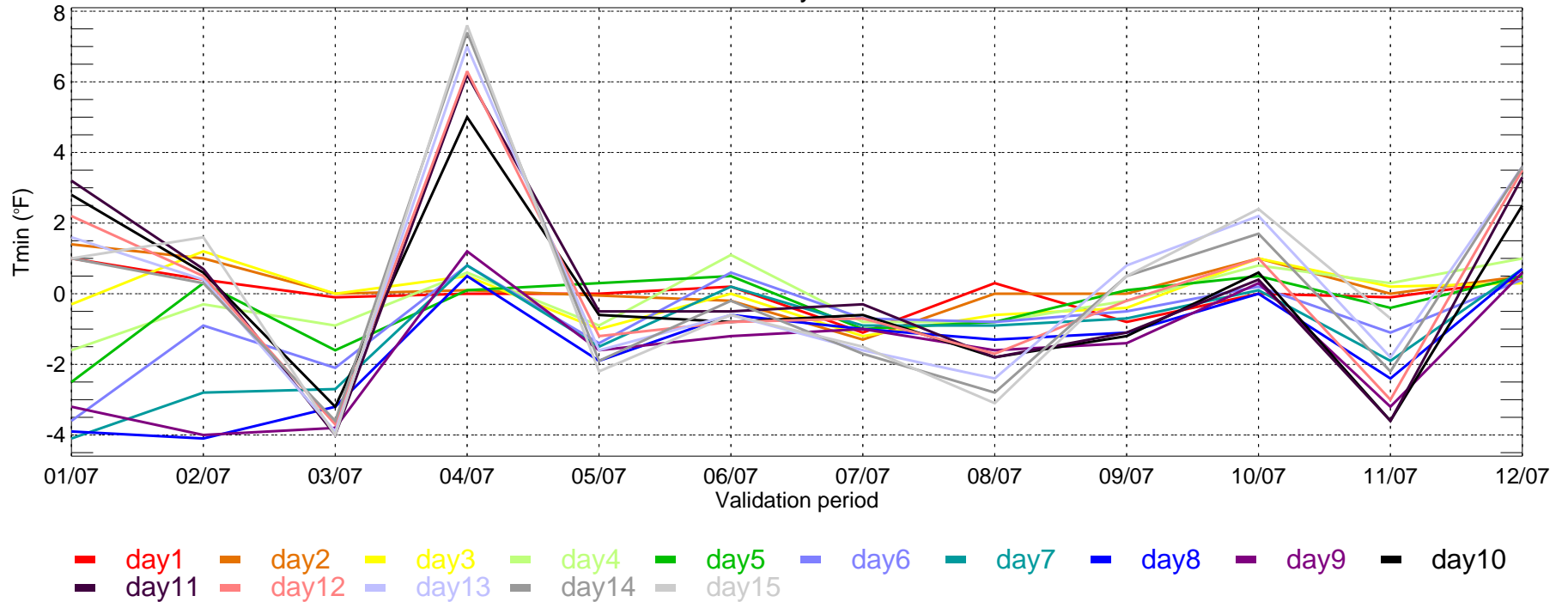
SFO: ECMWF MAE of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



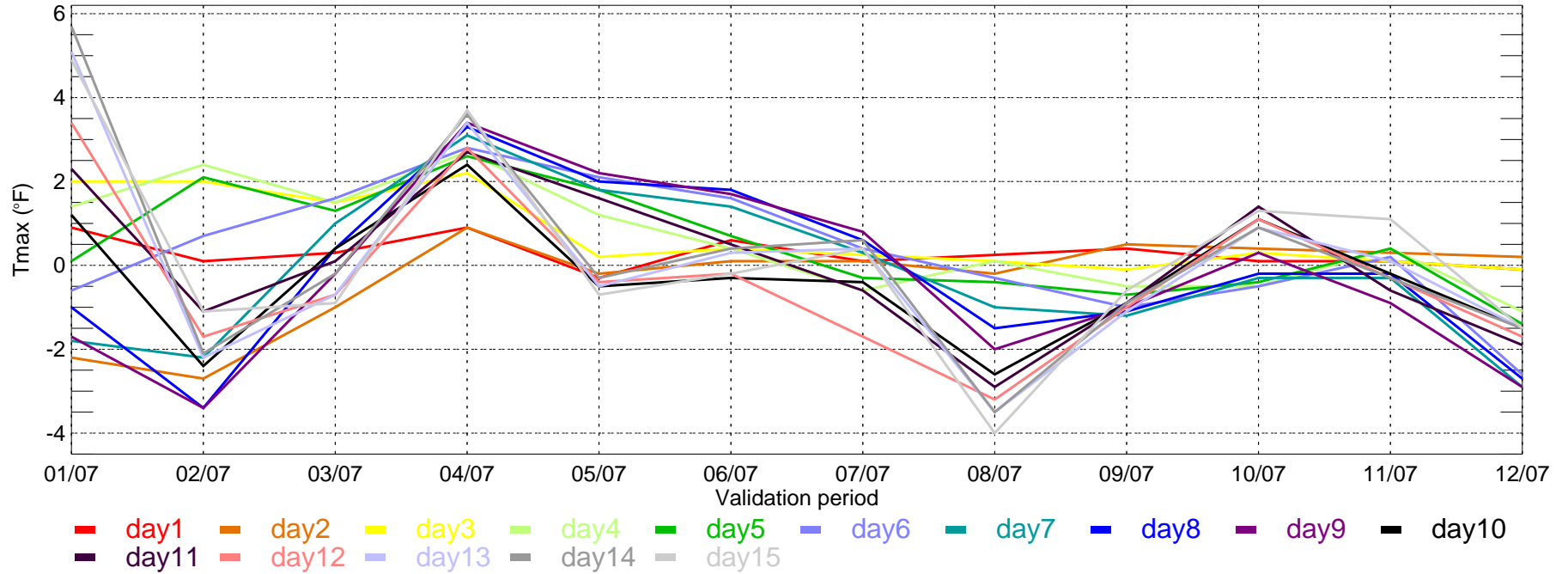
DFW: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



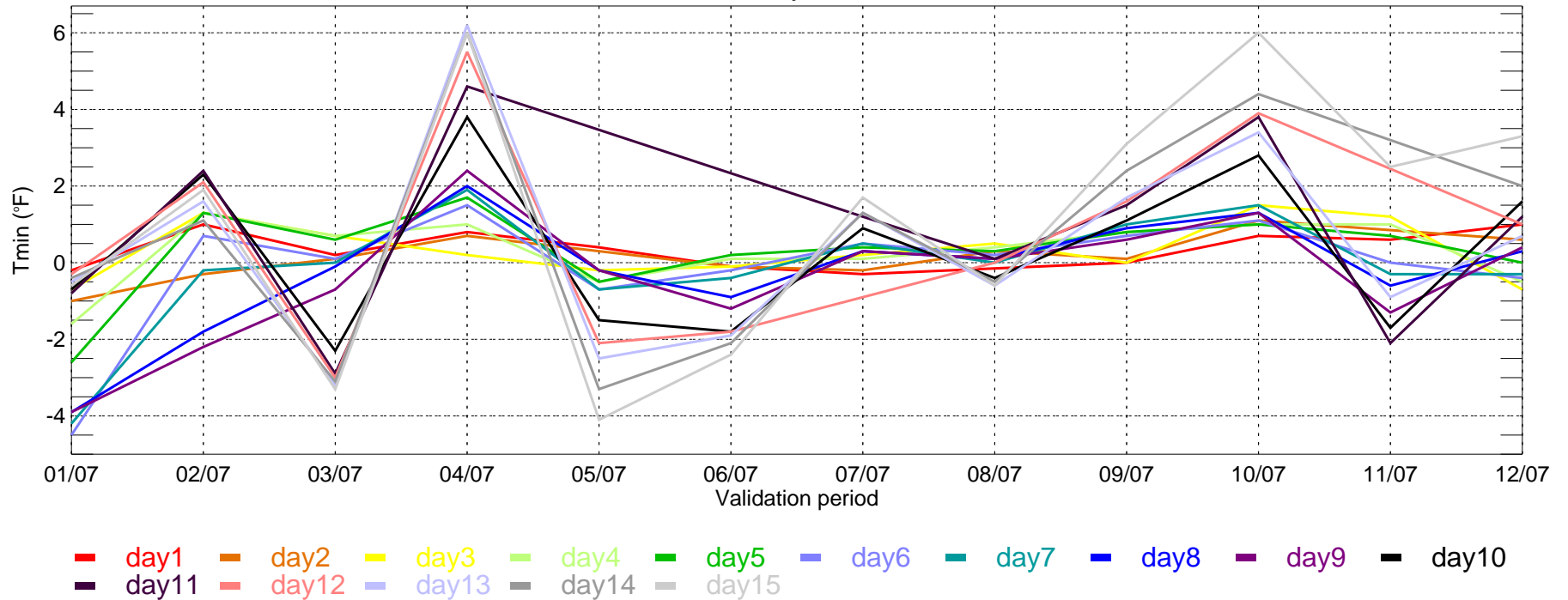
DFW: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



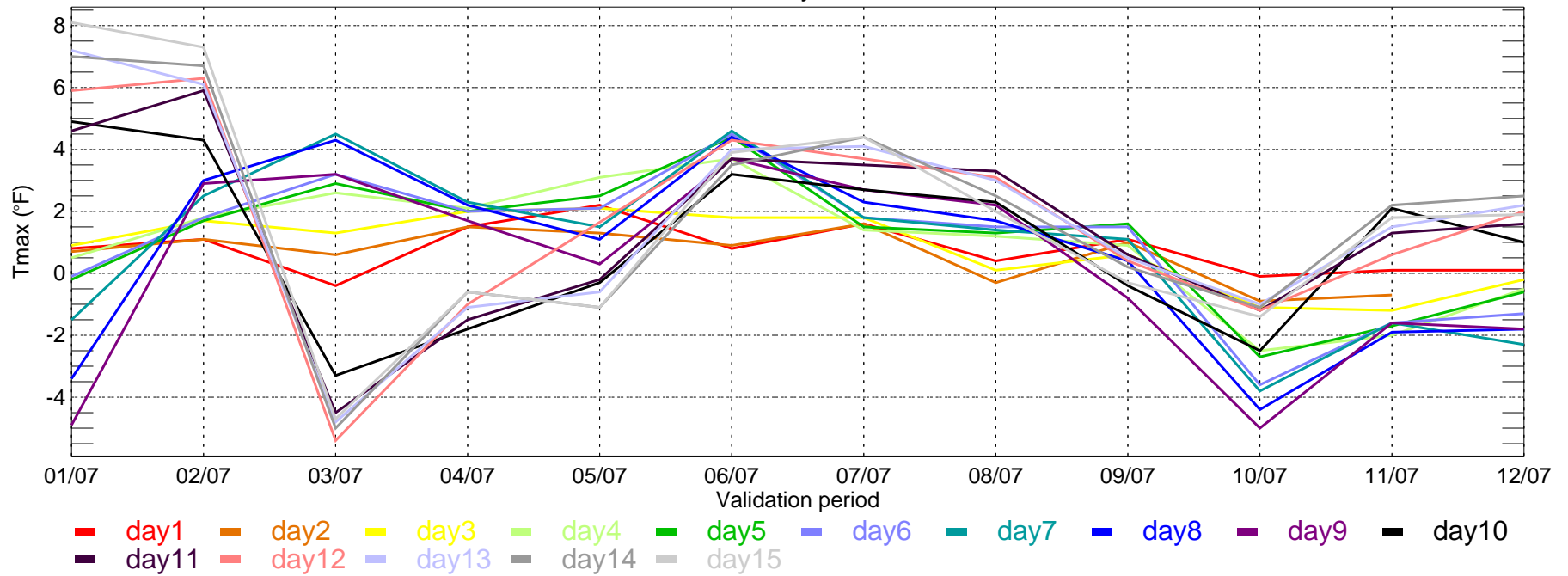
IAH: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



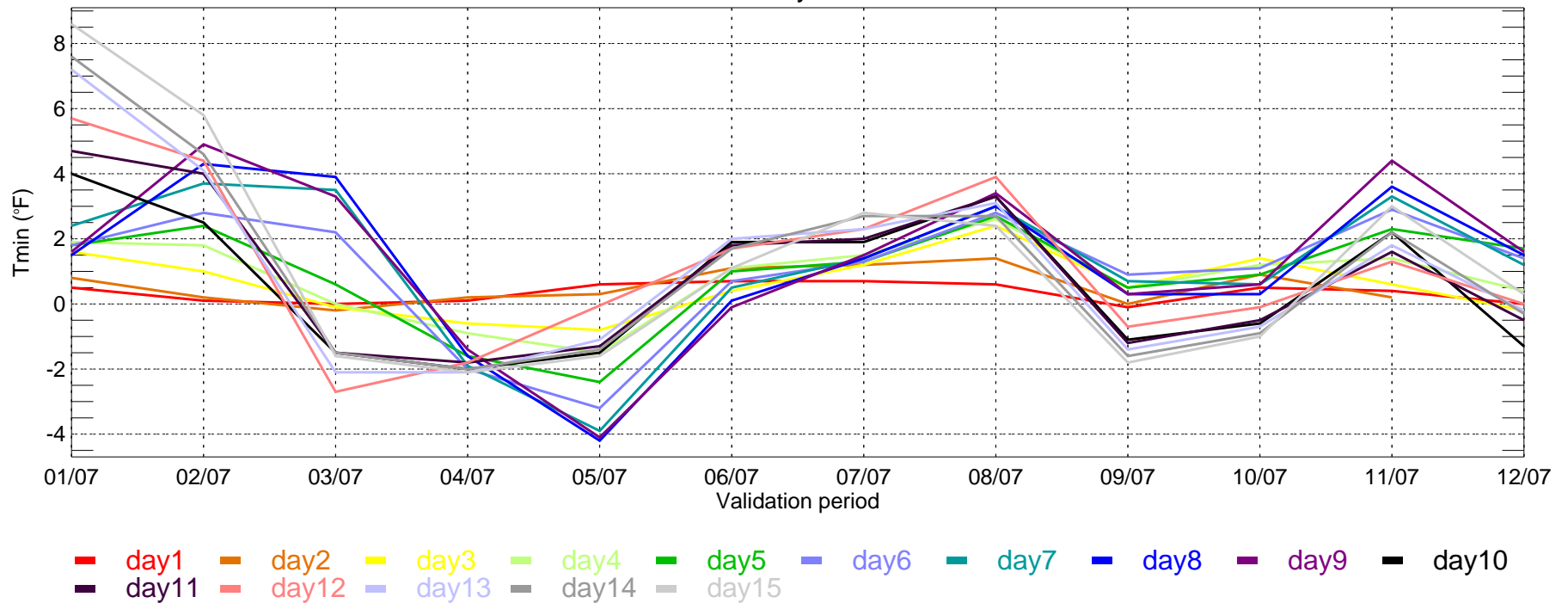
IAH: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



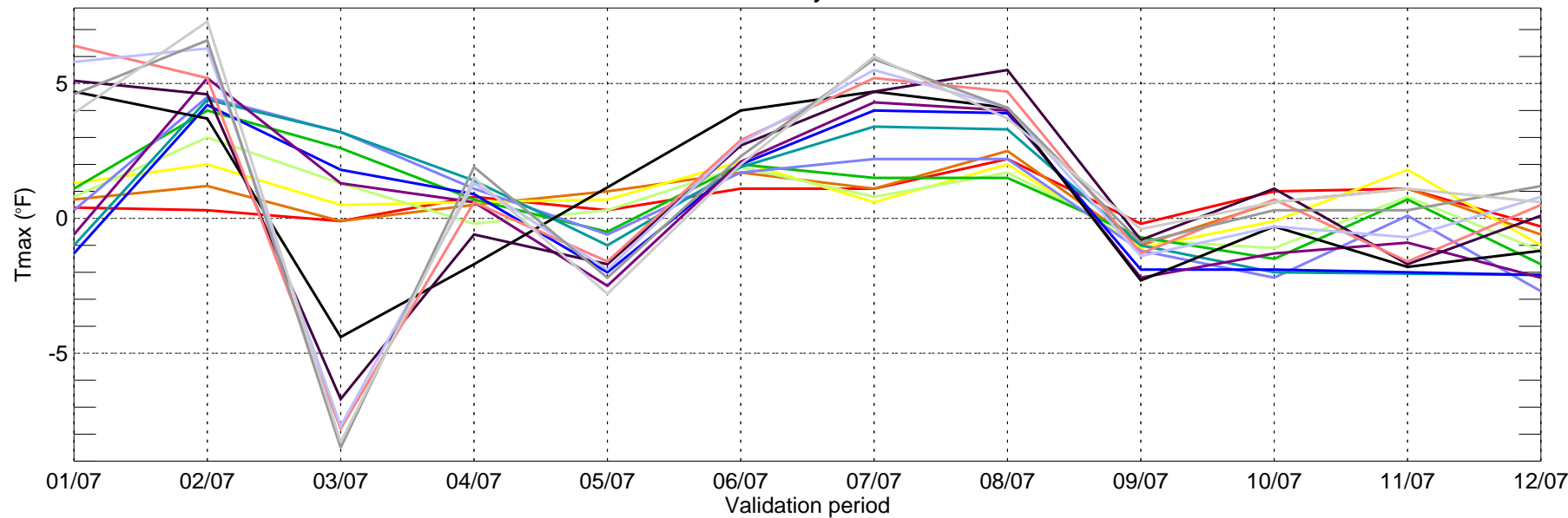
LGA: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



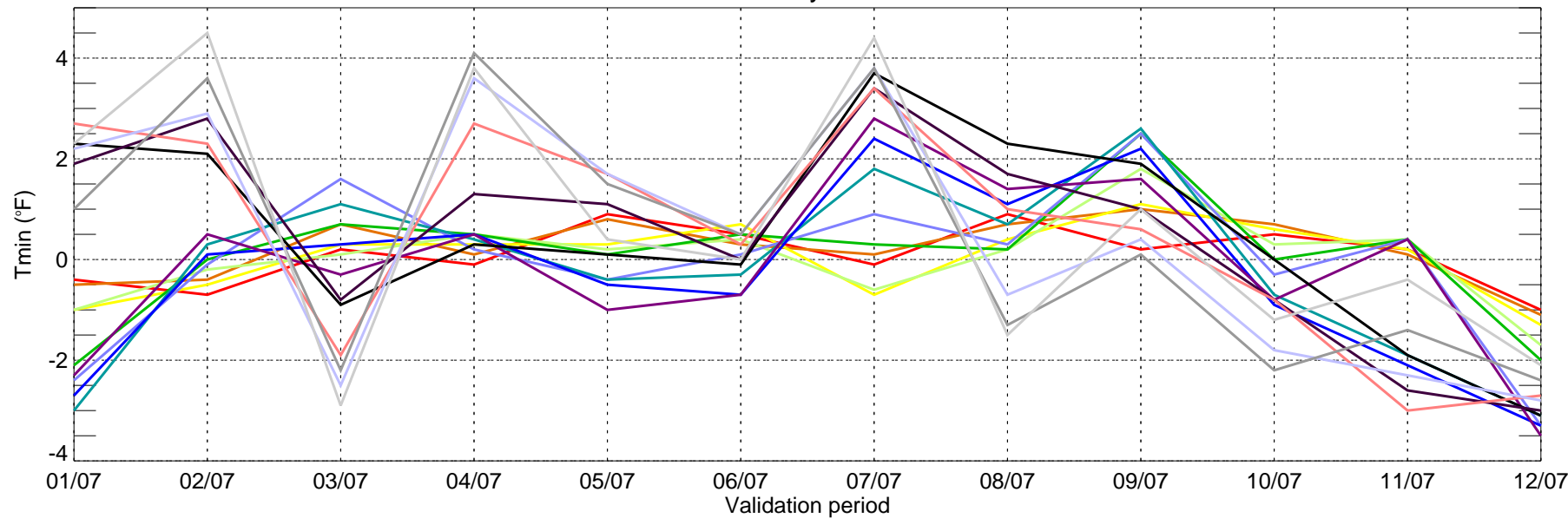
LGA: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



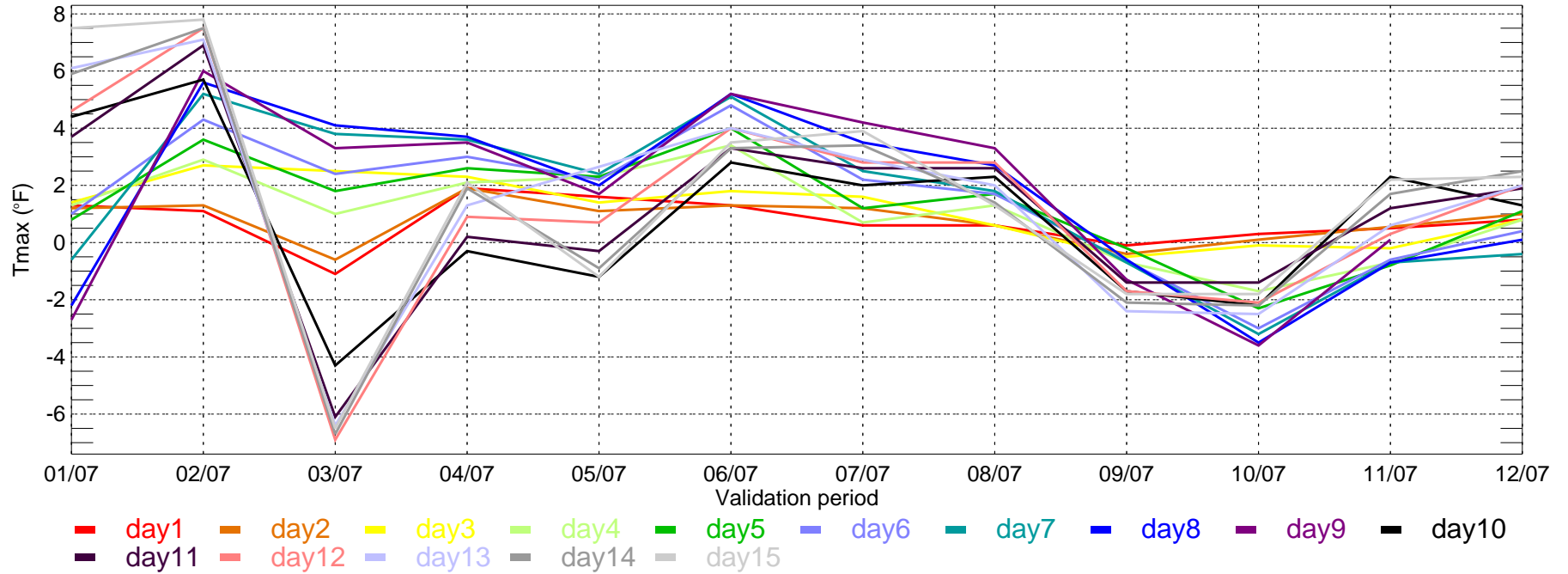
ORD: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



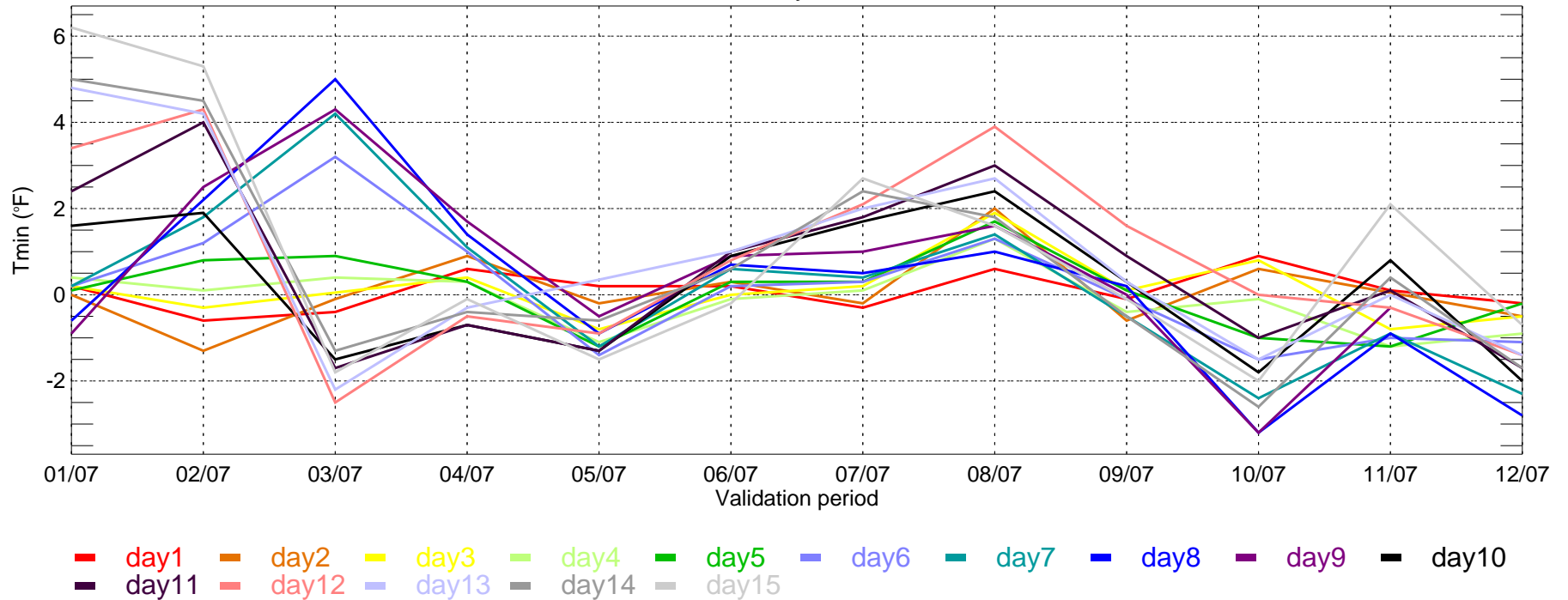
ORD: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



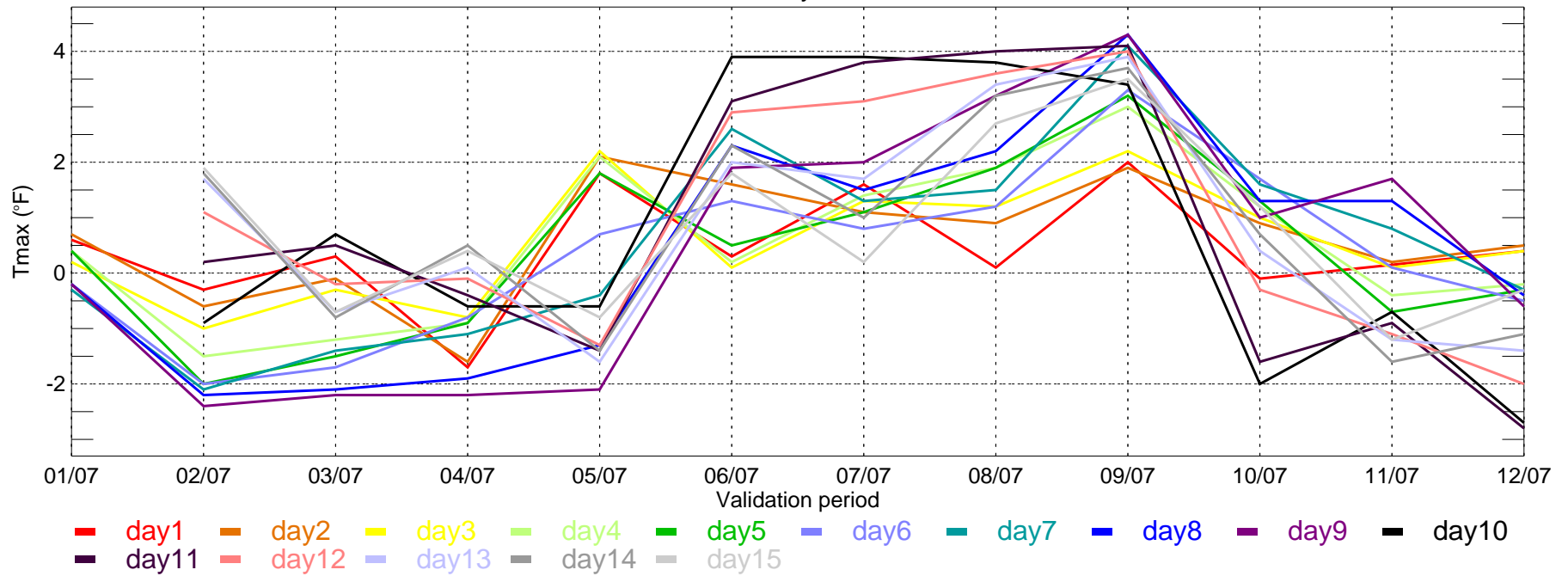
PHL: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



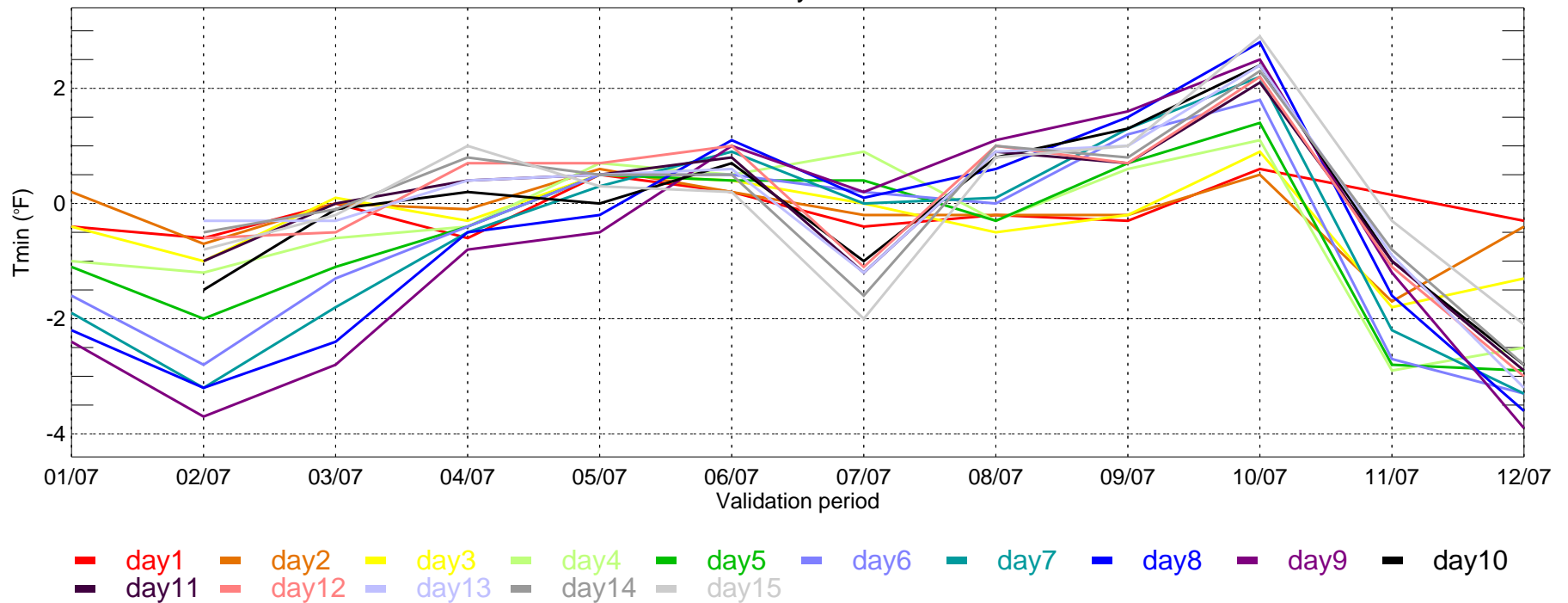
PHL: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



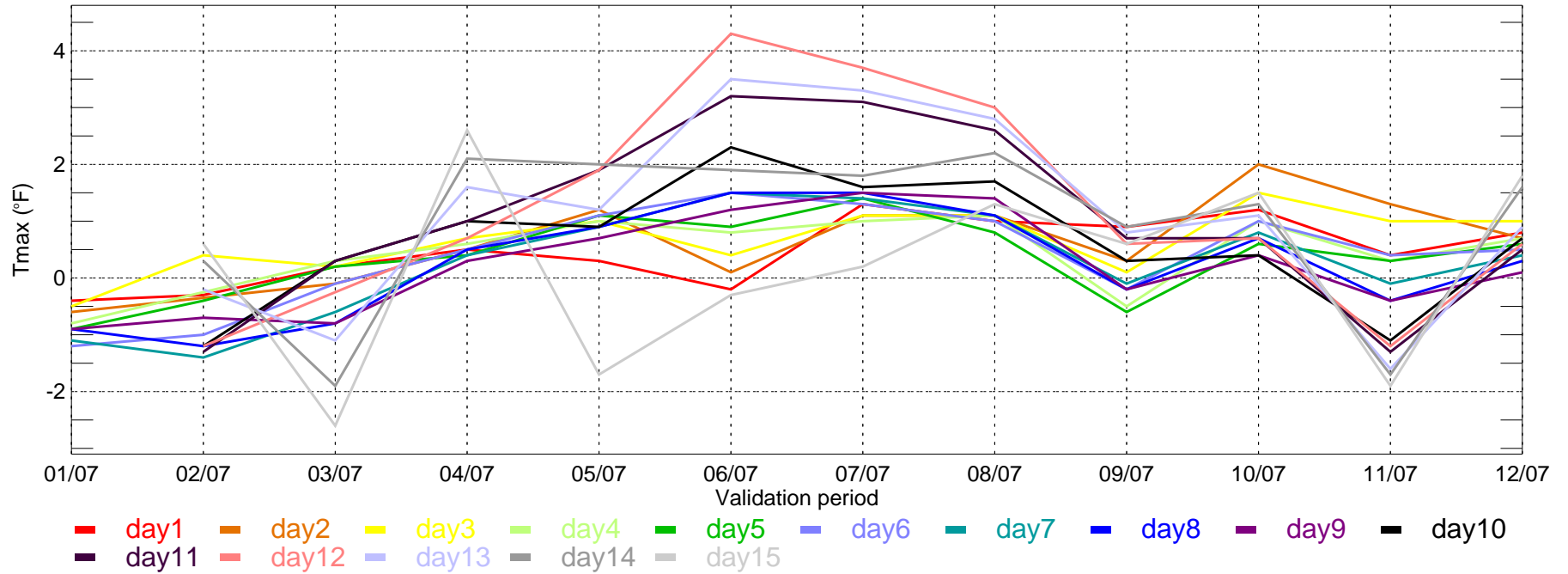
SEA: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



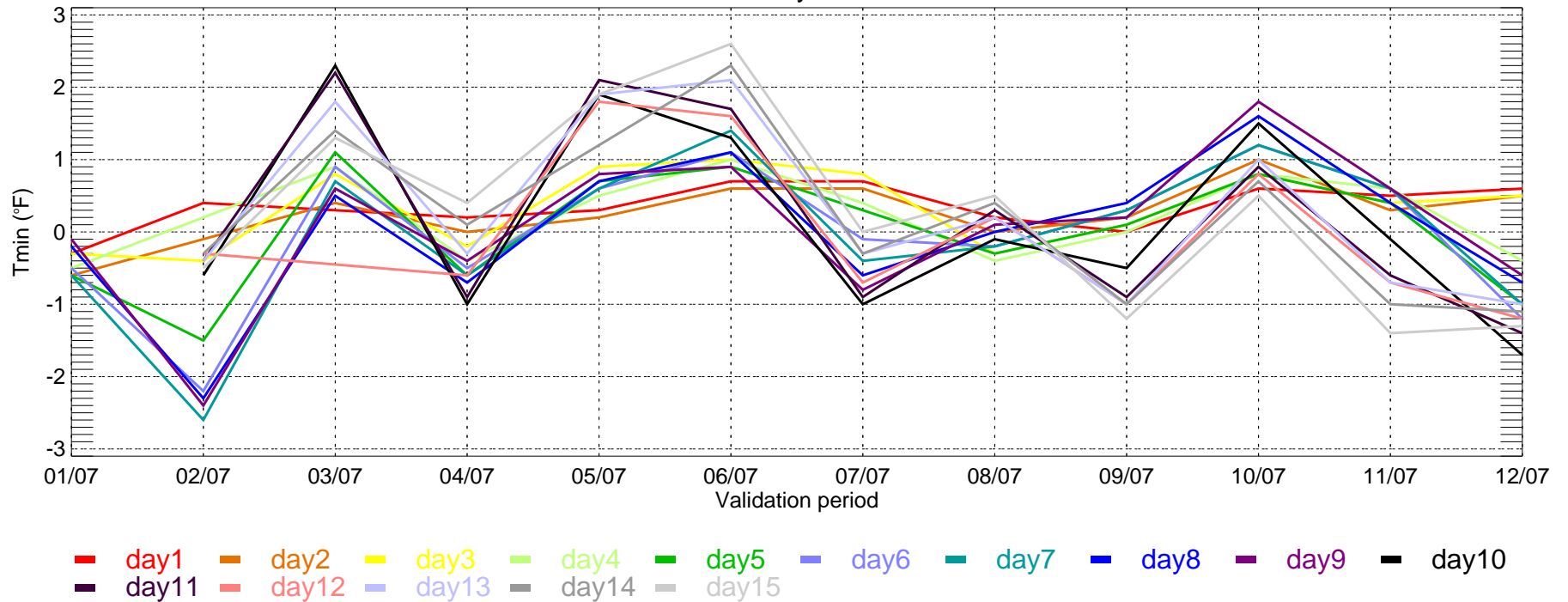
SEA: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



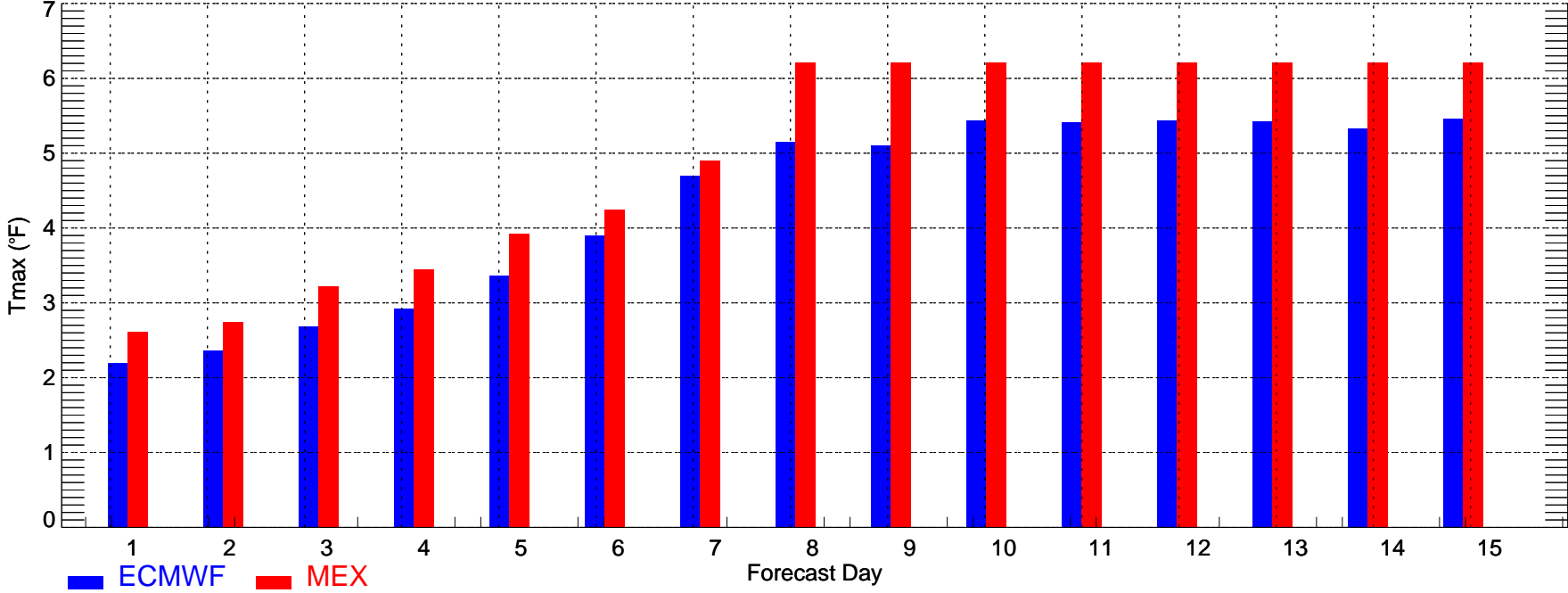
SFO: ECMWF BIAS of Tmax for Monthly Period from 2007-01-01 ~ 2007-12-31



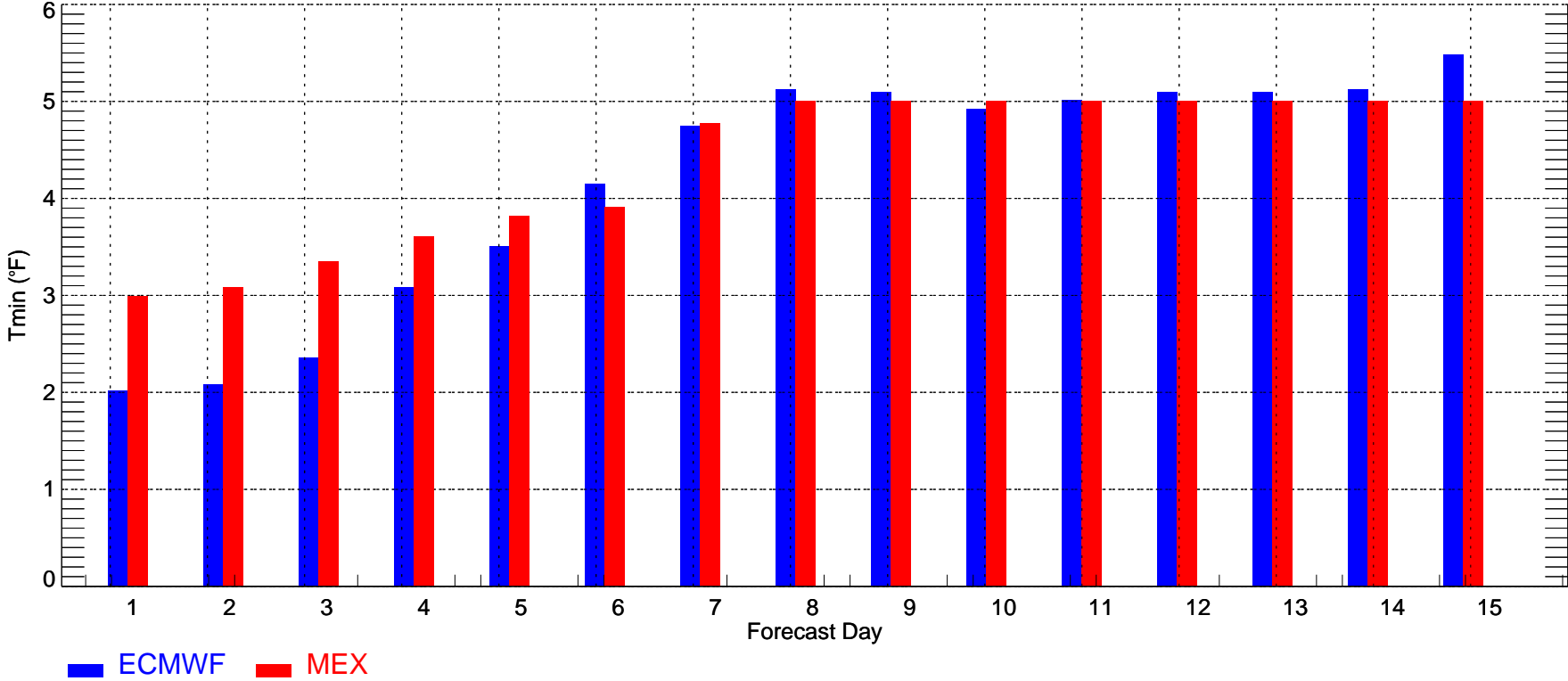
SFO: ECMWF BIAS of Tmin for Monthly Period from 2007-01-01 ~ 2007-12-31



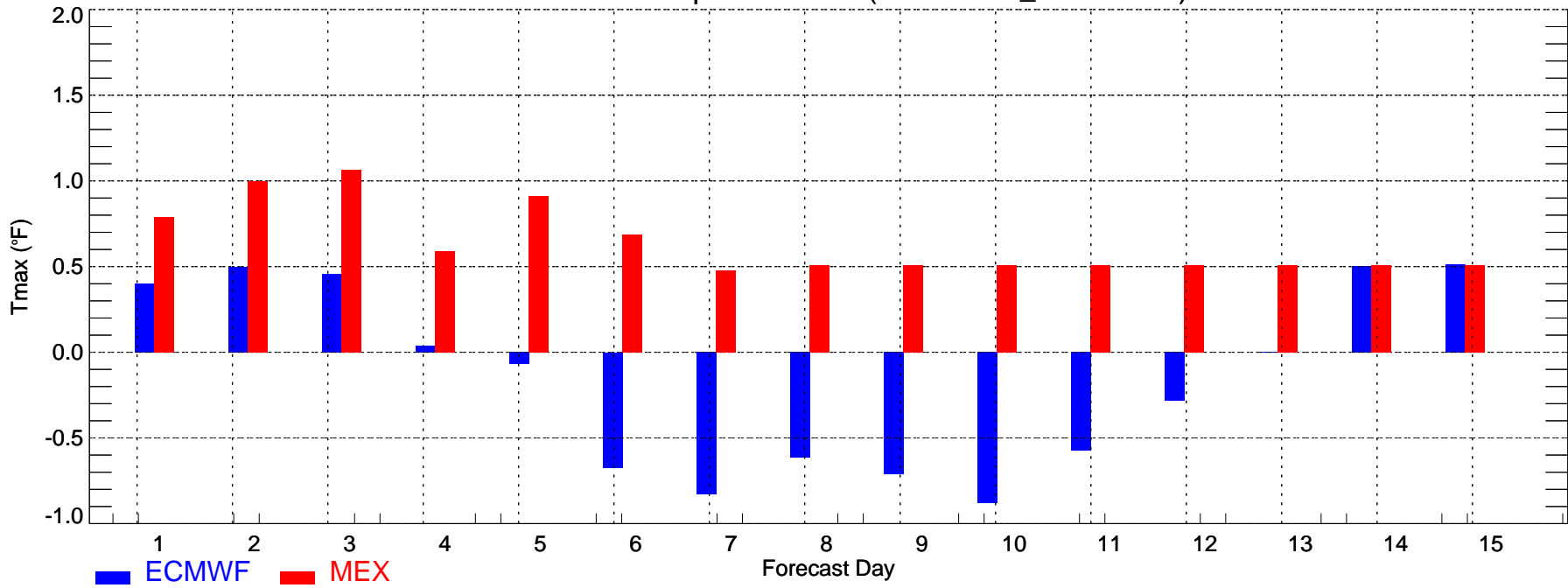
CUST2: Max Temperature MAE (2007-12-01_2007-12-31)



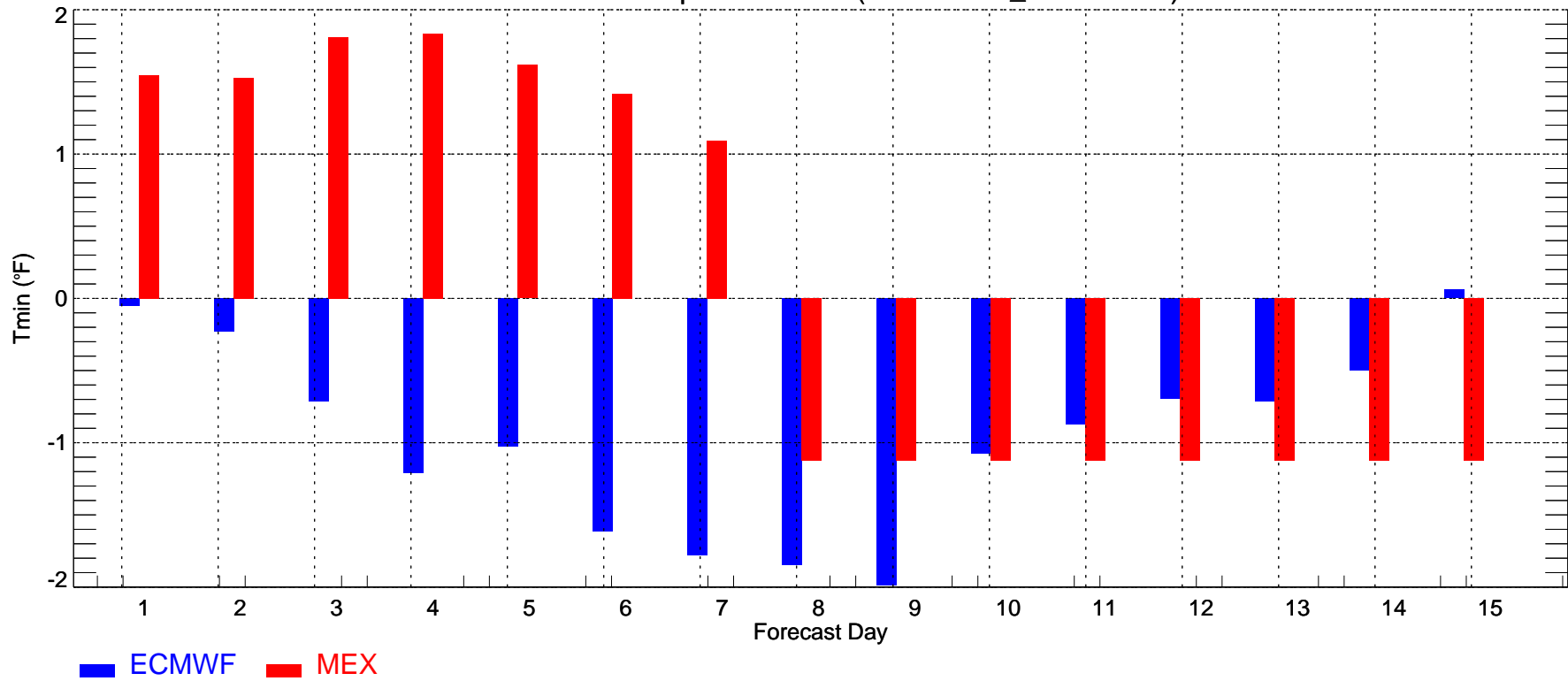
CUST2: Min Temperature MAE (2007-12-01_2007-12-31)



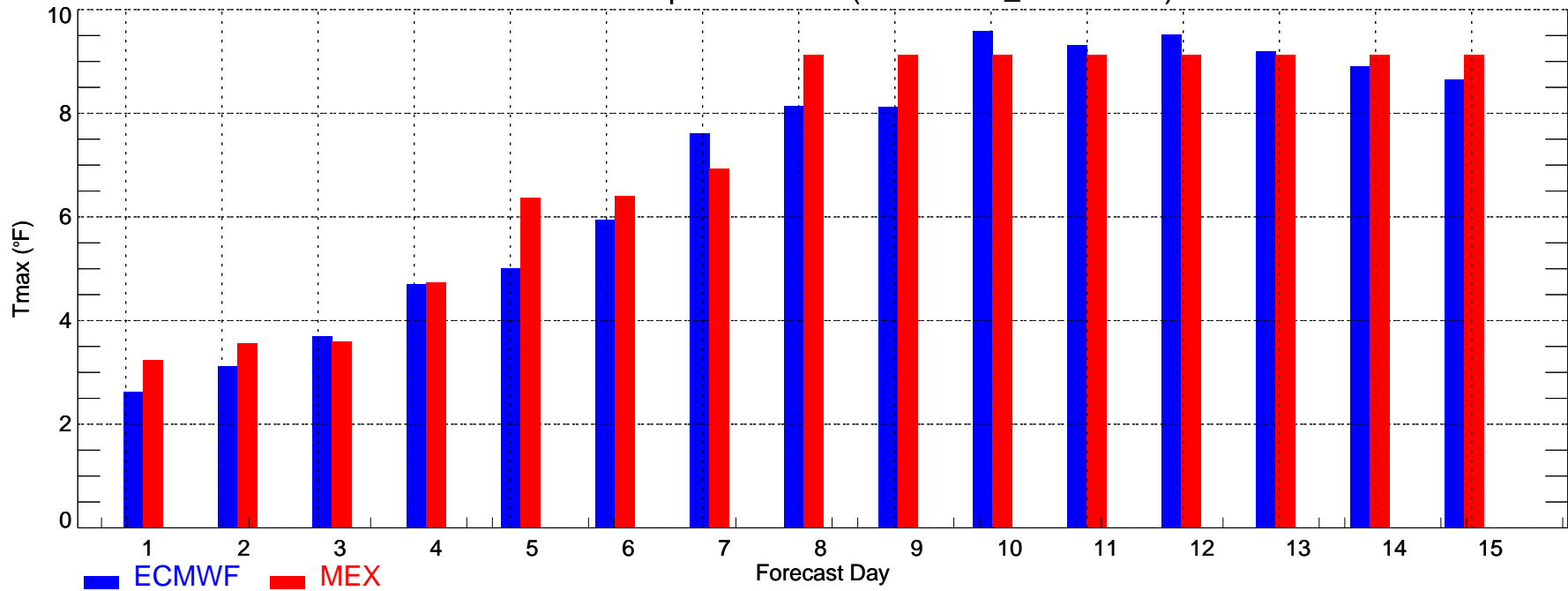
CUST2: Max Temperature Bias (2007-12-01_2007-12-31)



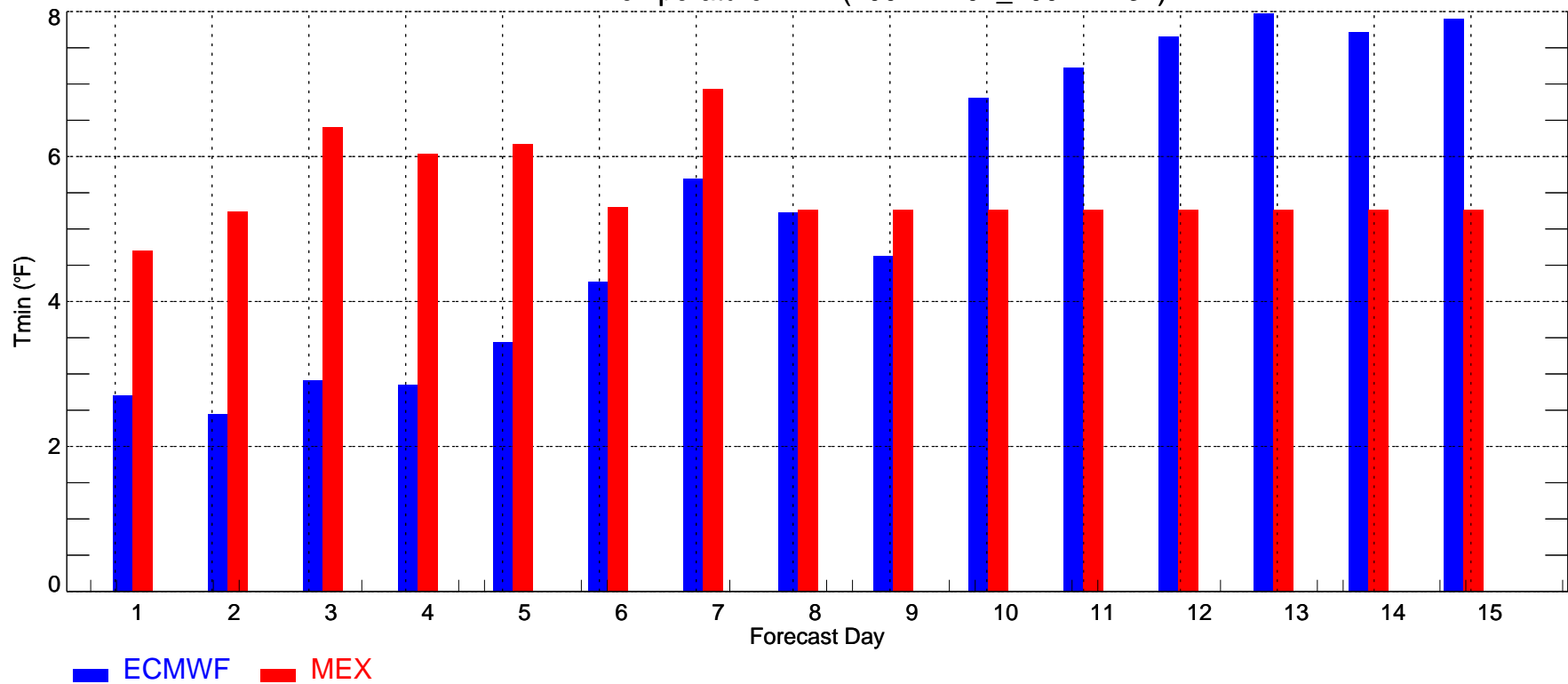
CUST2: Min Temperature Bias (2007-12-01_2007-12-31)



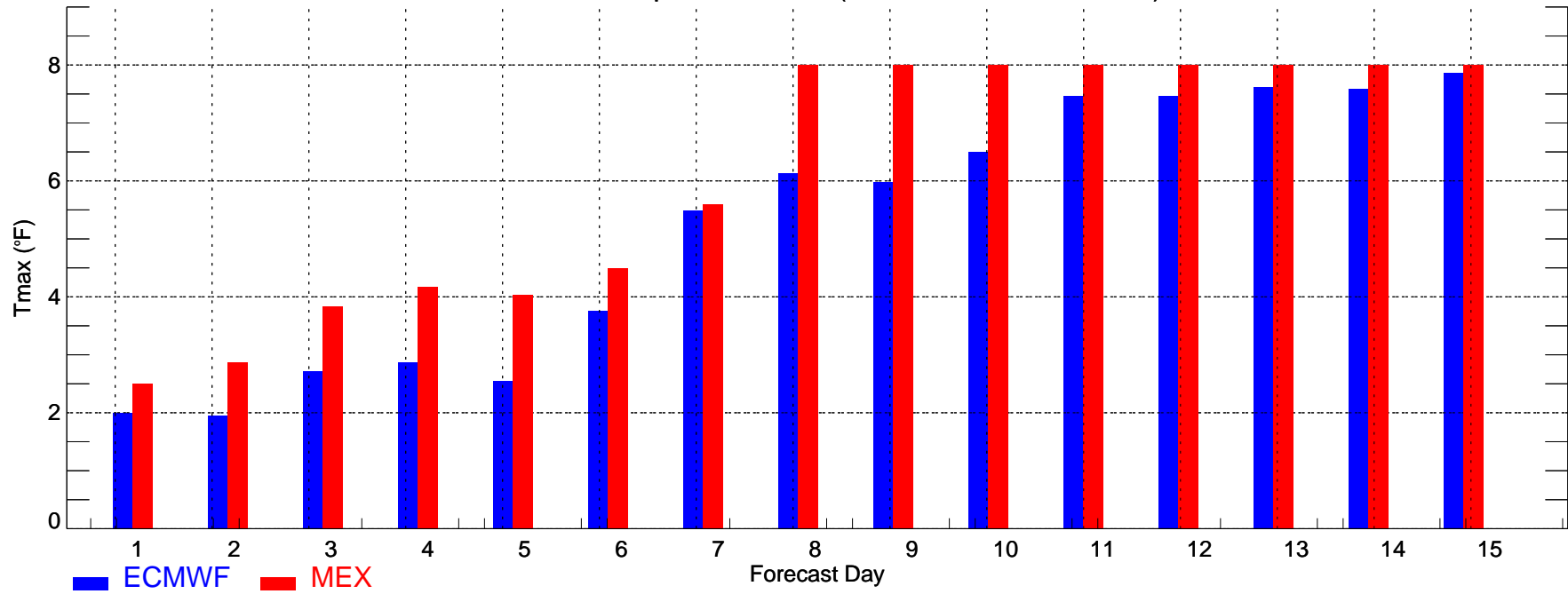
DFW: Max Temperature MAE (2007-12-01_2007-12-31)



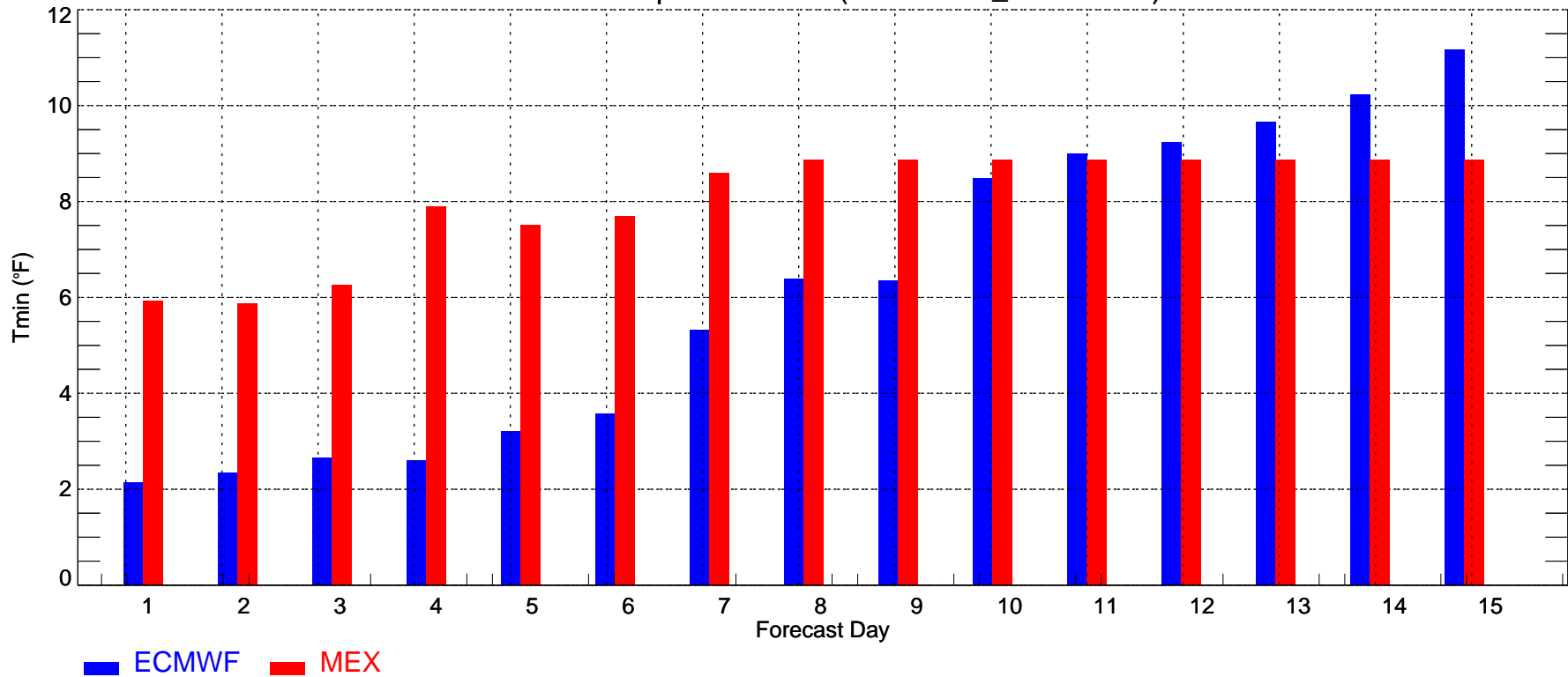
DFW: Min Temperature MAE (2007-12-01_2007-12-31)



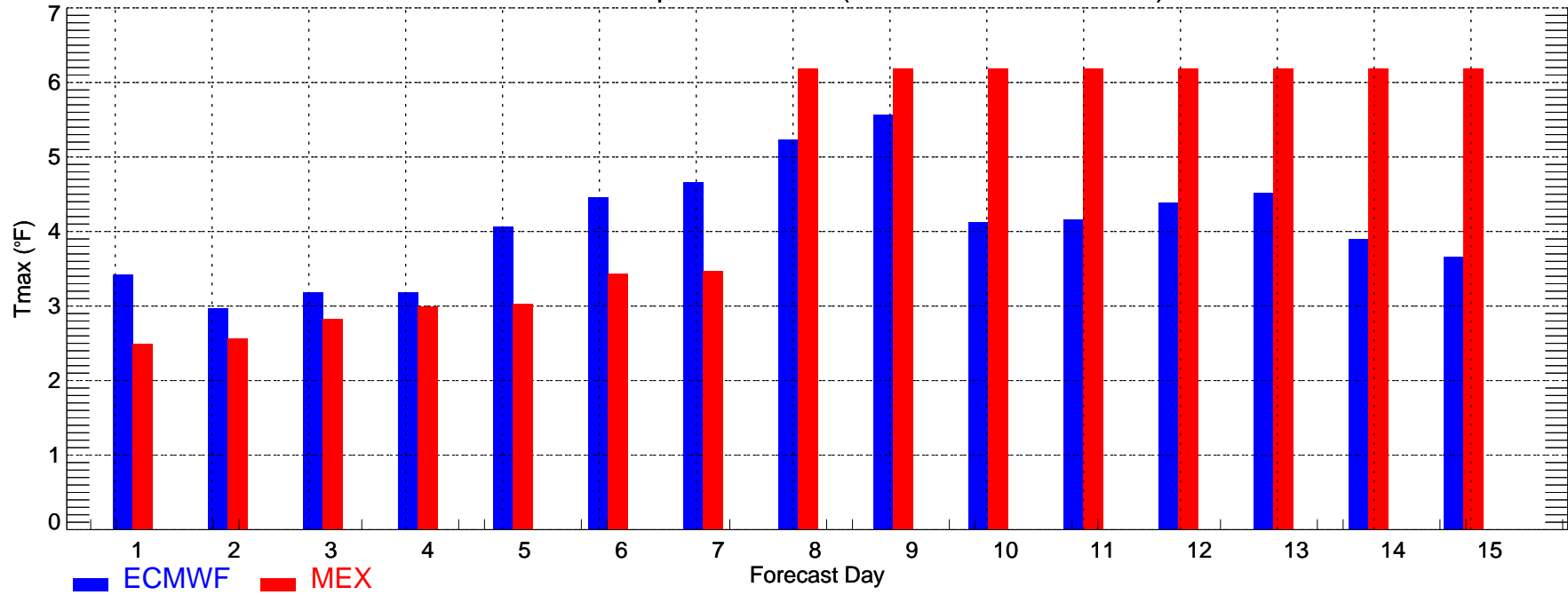
IAH: Max Temperature MAE (2007-12-01_2007-12-31)



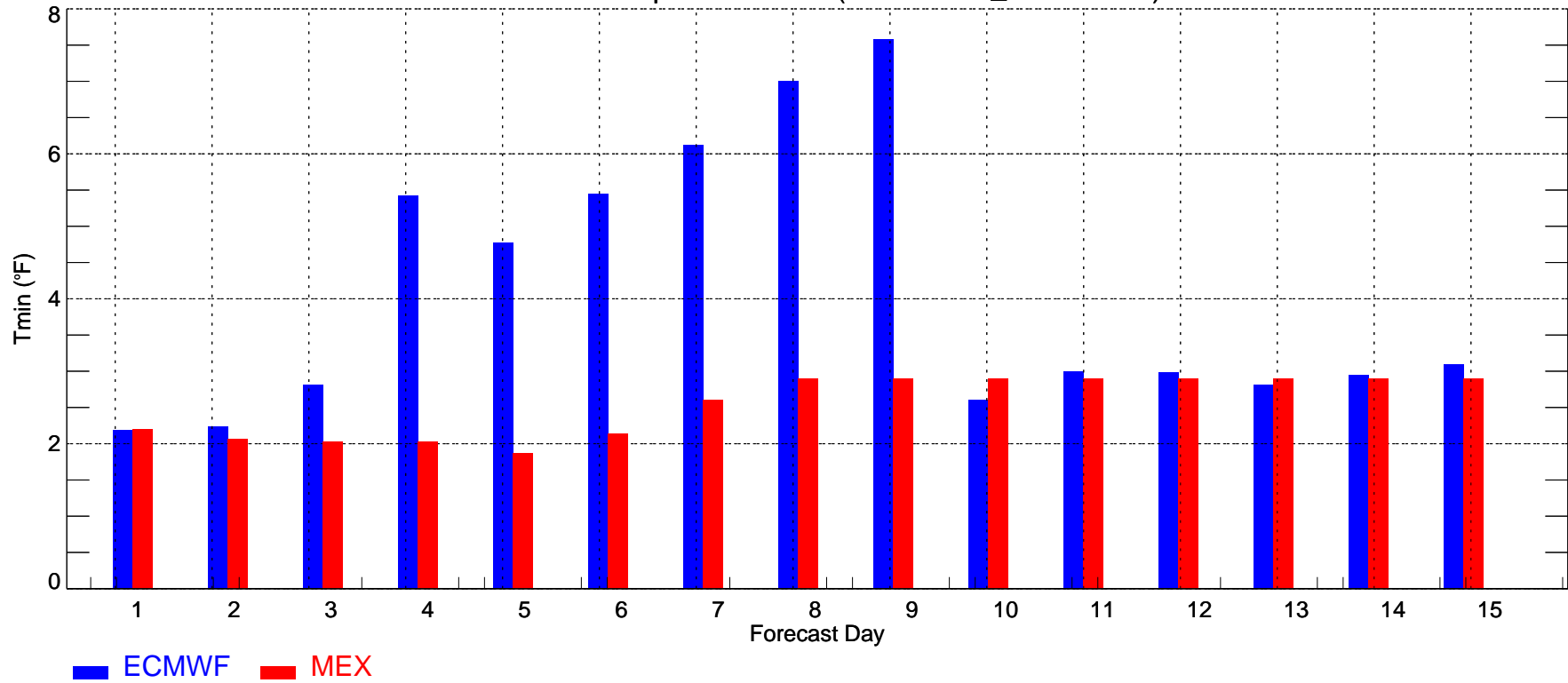
IAH: Min Temperature MAE (2007-12-01_2007-12-31)



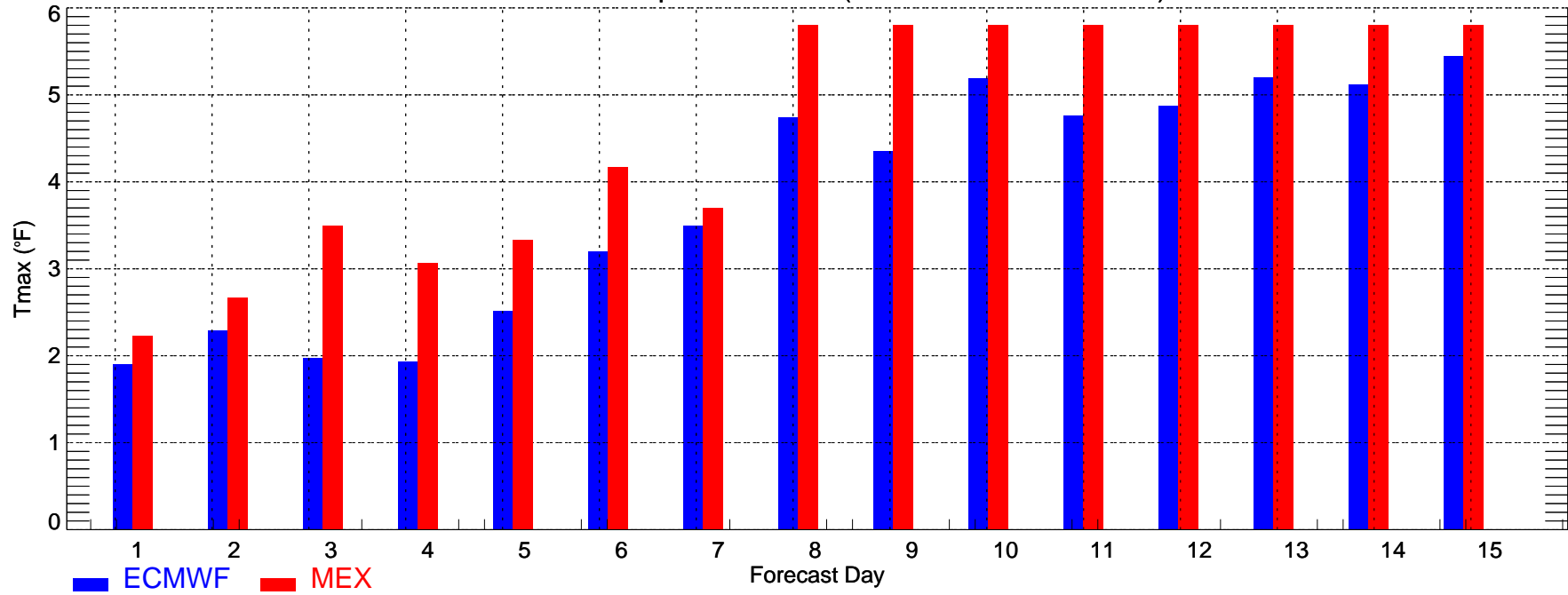
LAX: Max Temperature MAE (2007-12-01_2007-12-31)



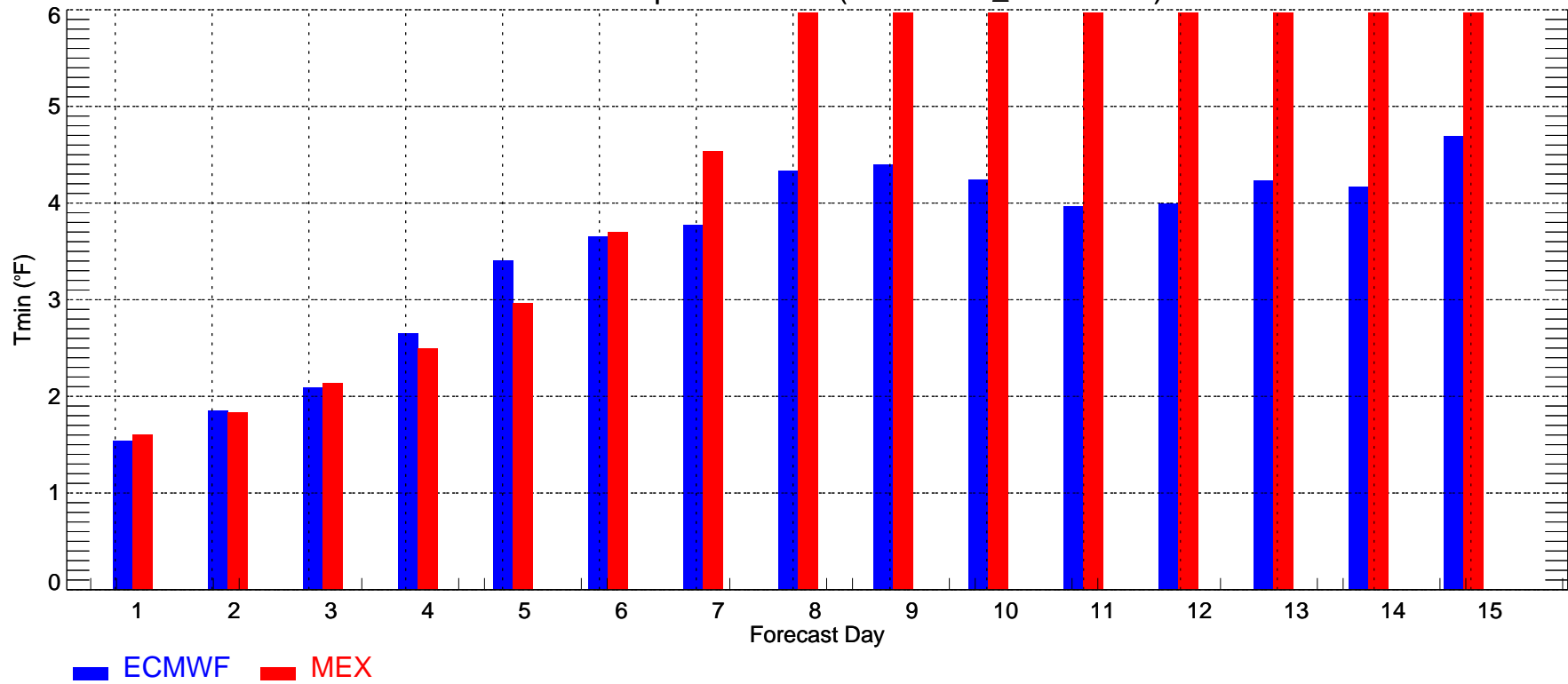
LAX: Min Temperature MAE (2007-12-01_2007-12-31)



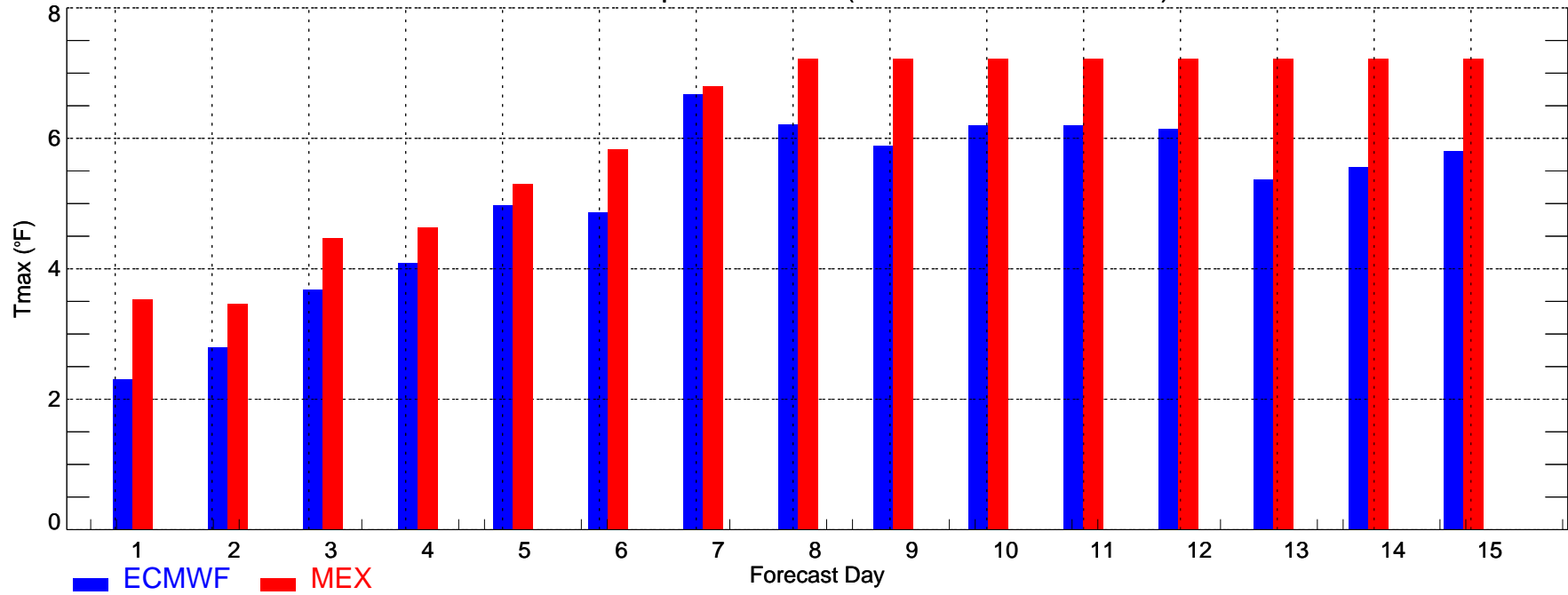
LGA: Max Temperature MAE (2007-12-01_2007-12-31)



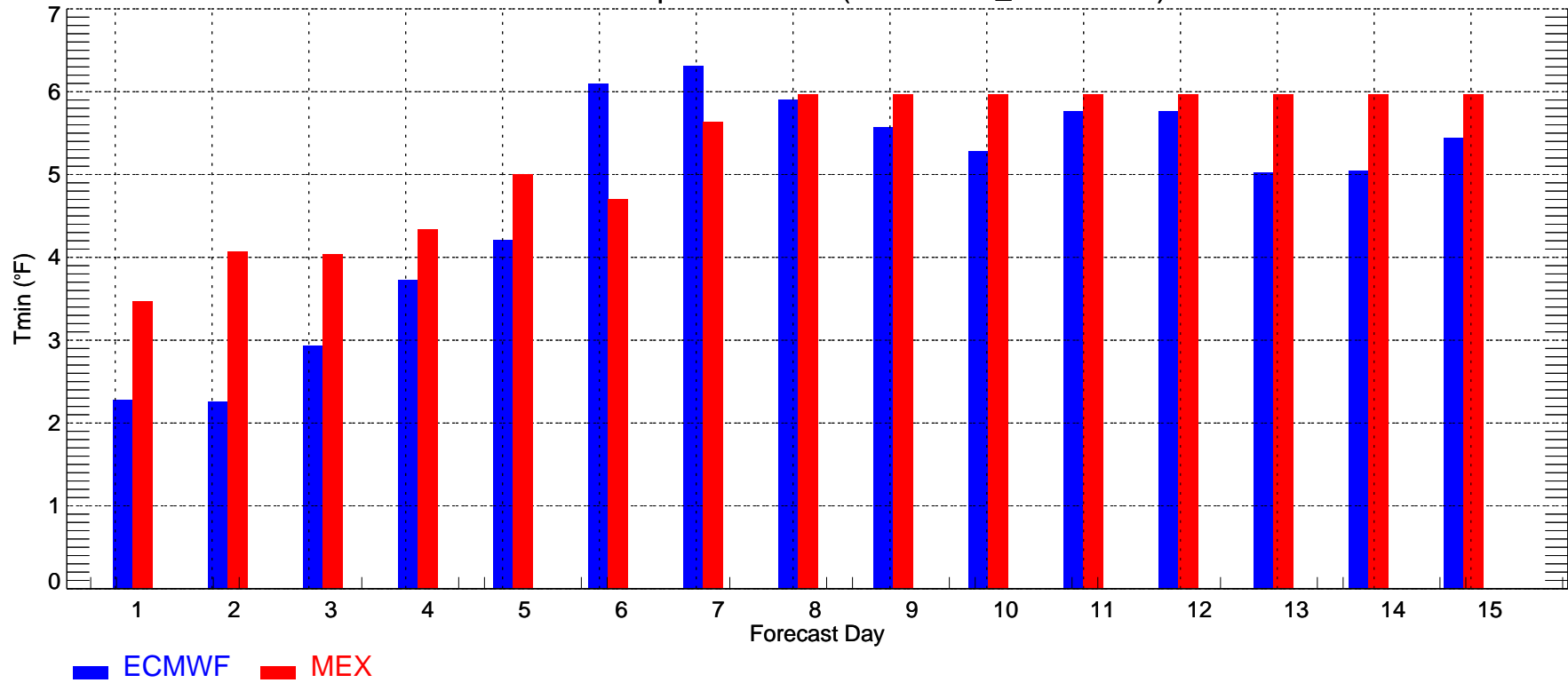
LGA: Min Temperature MAE (2007-12-01_2007-12-31)



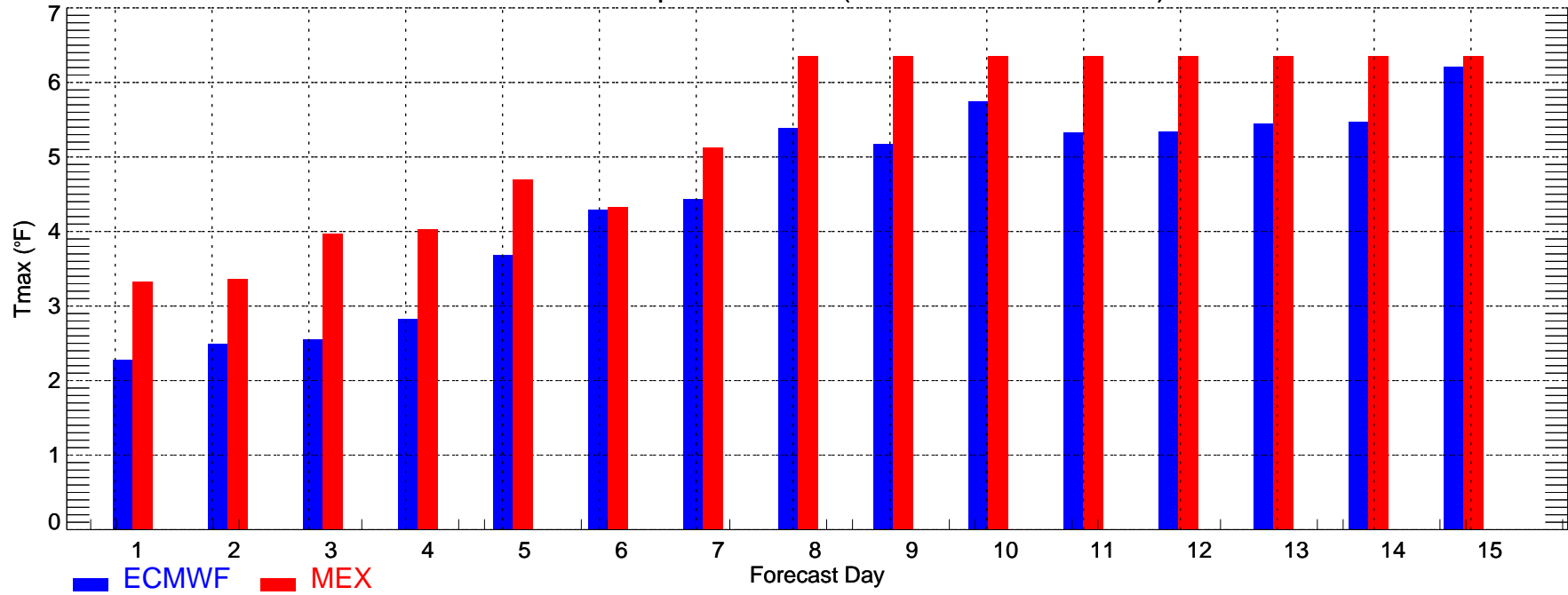
ORD: Max Temperature MAE (2007-12-01_2007-12-31)



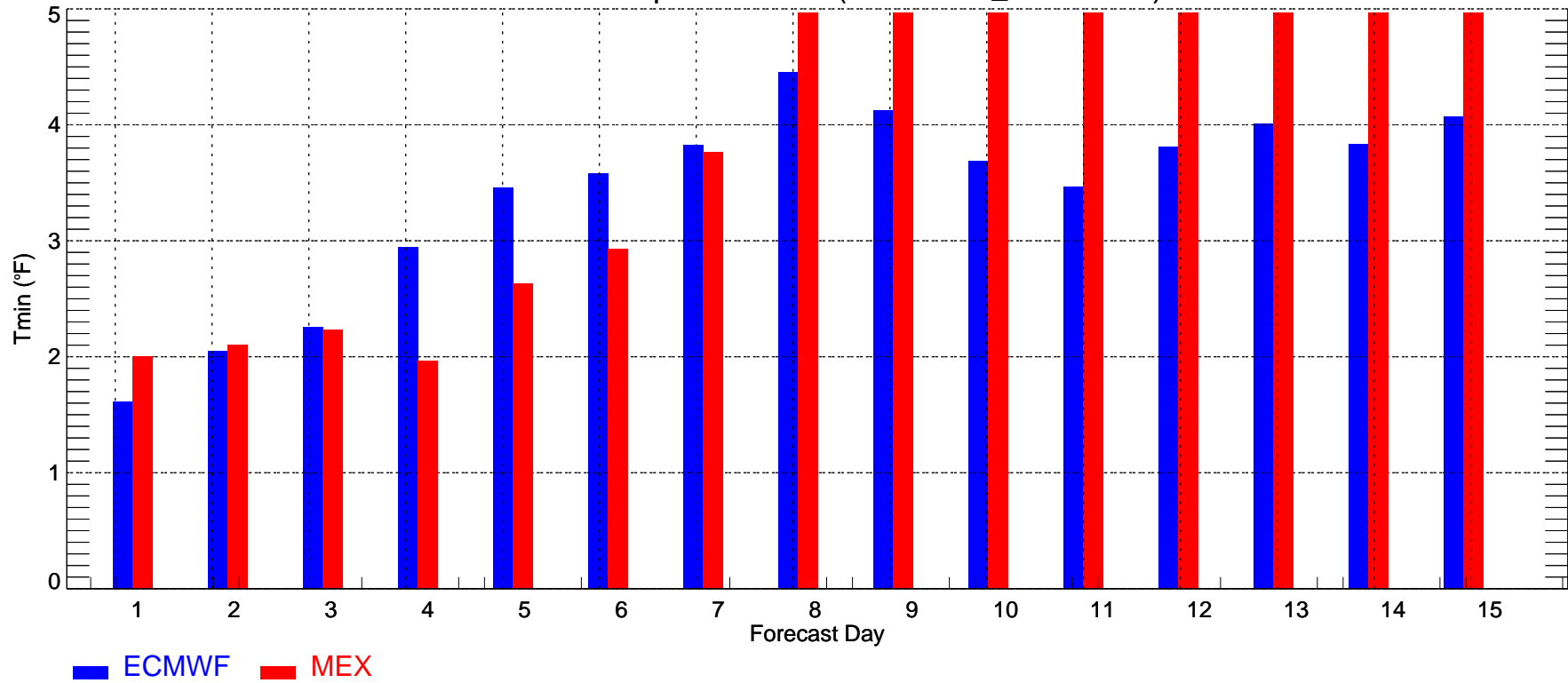
ORD: Min Temperature MAE (2007-12-01_2007-12-31)



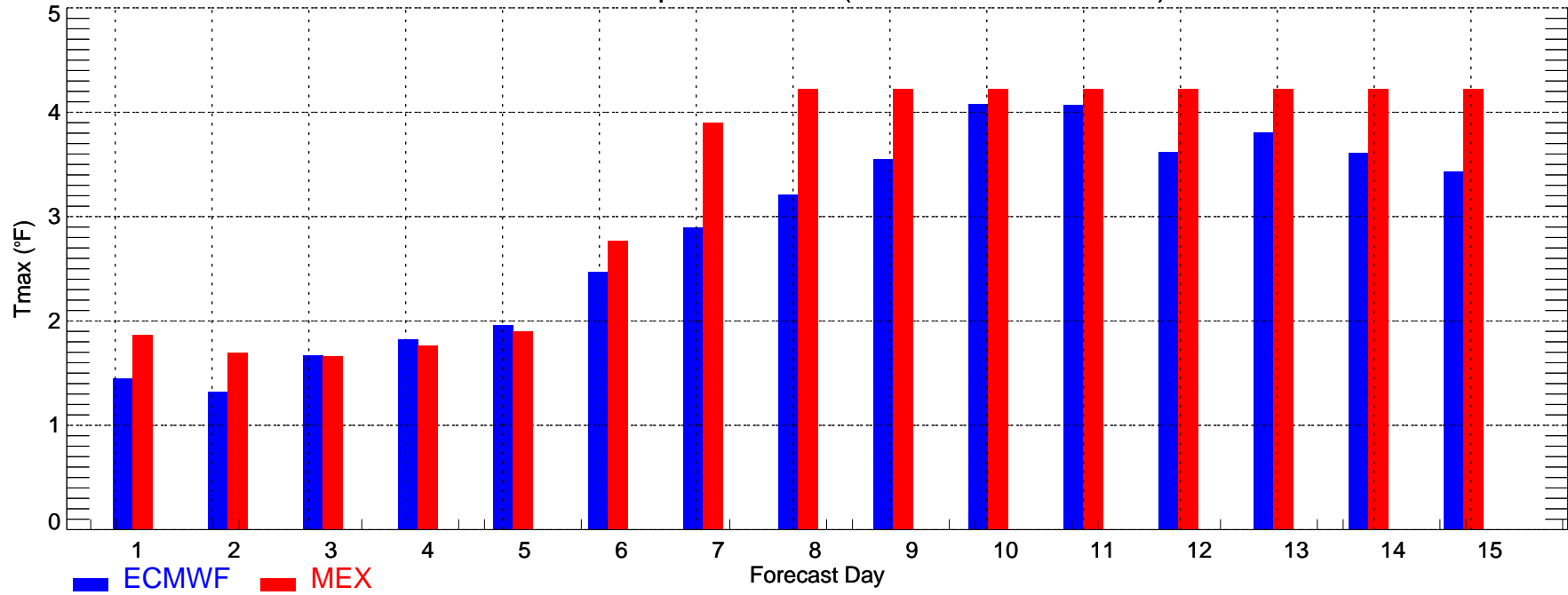
PHL: Max Temperature MAE (2007-12-01_2007-12-31)



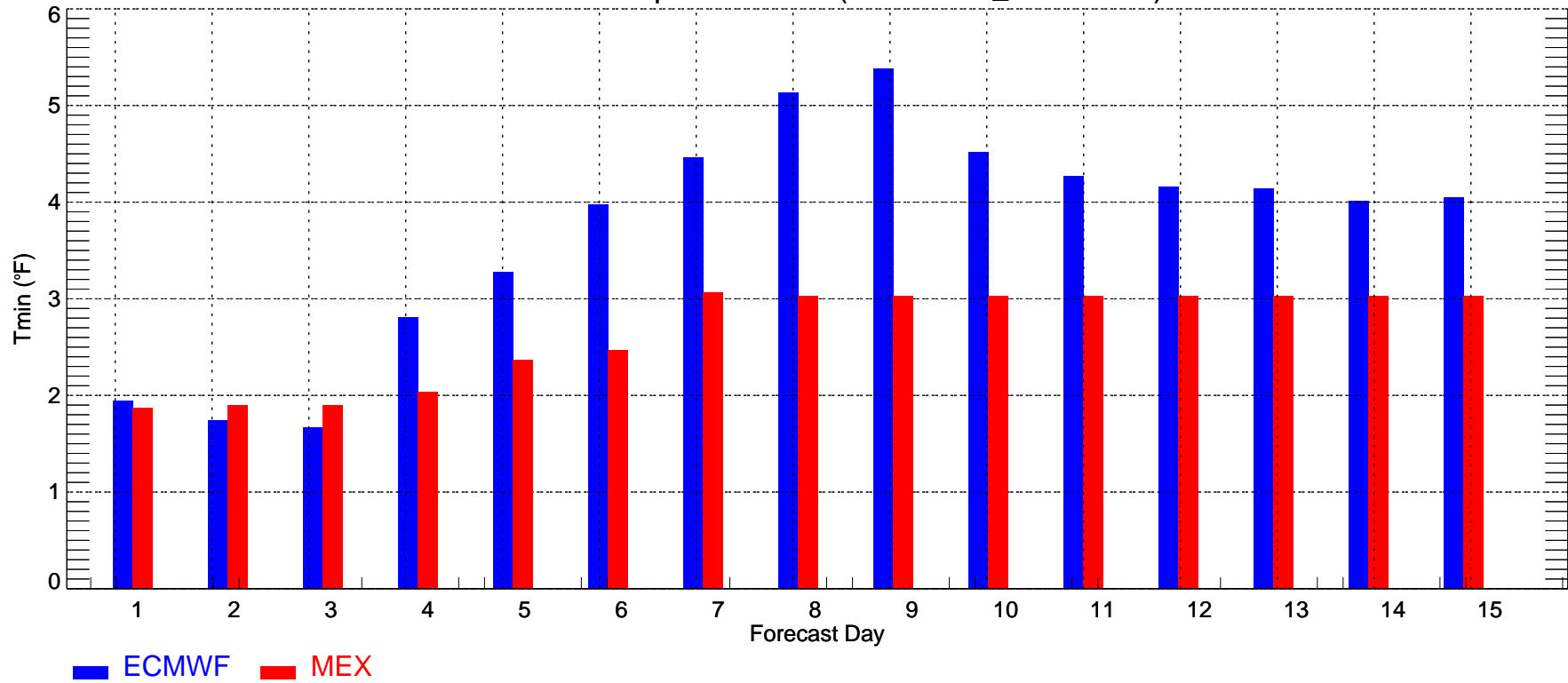
PHL: Min Temperature MAE (2007-12-01_2007-12-31)



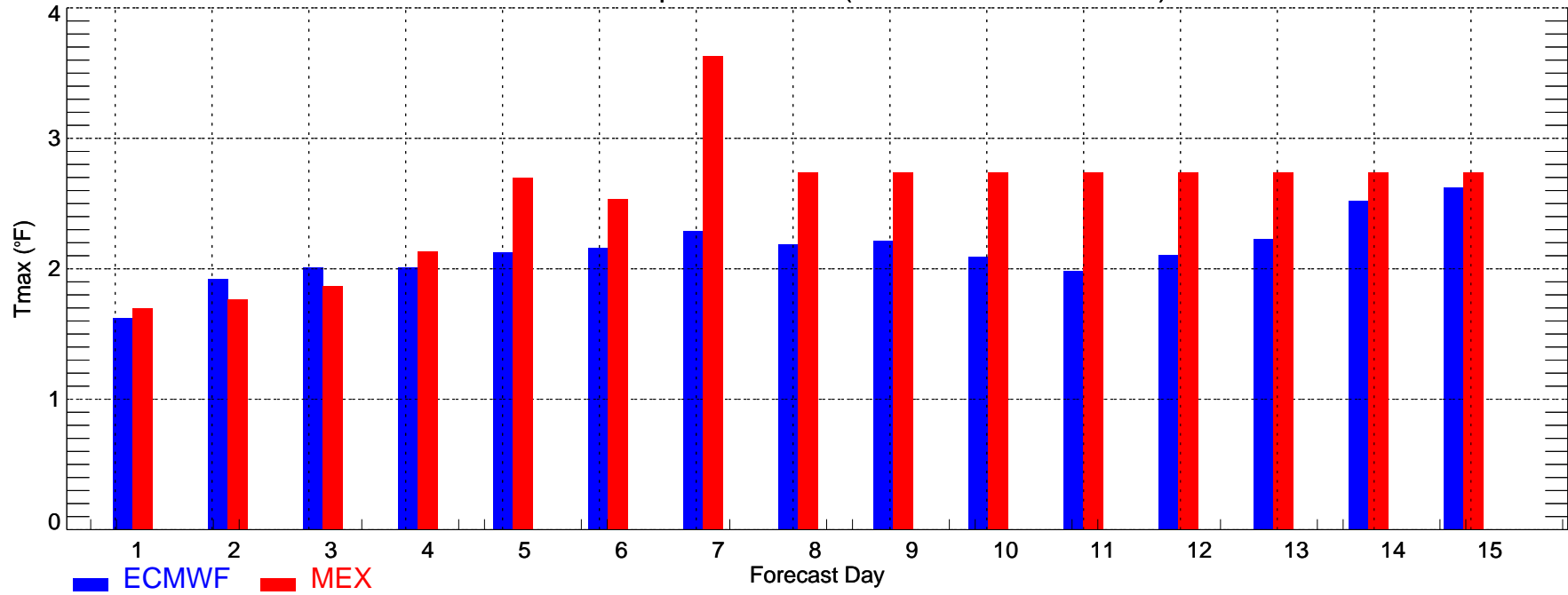
SEA: Max Temperature MAE (2007-12-01_2007-12-31)



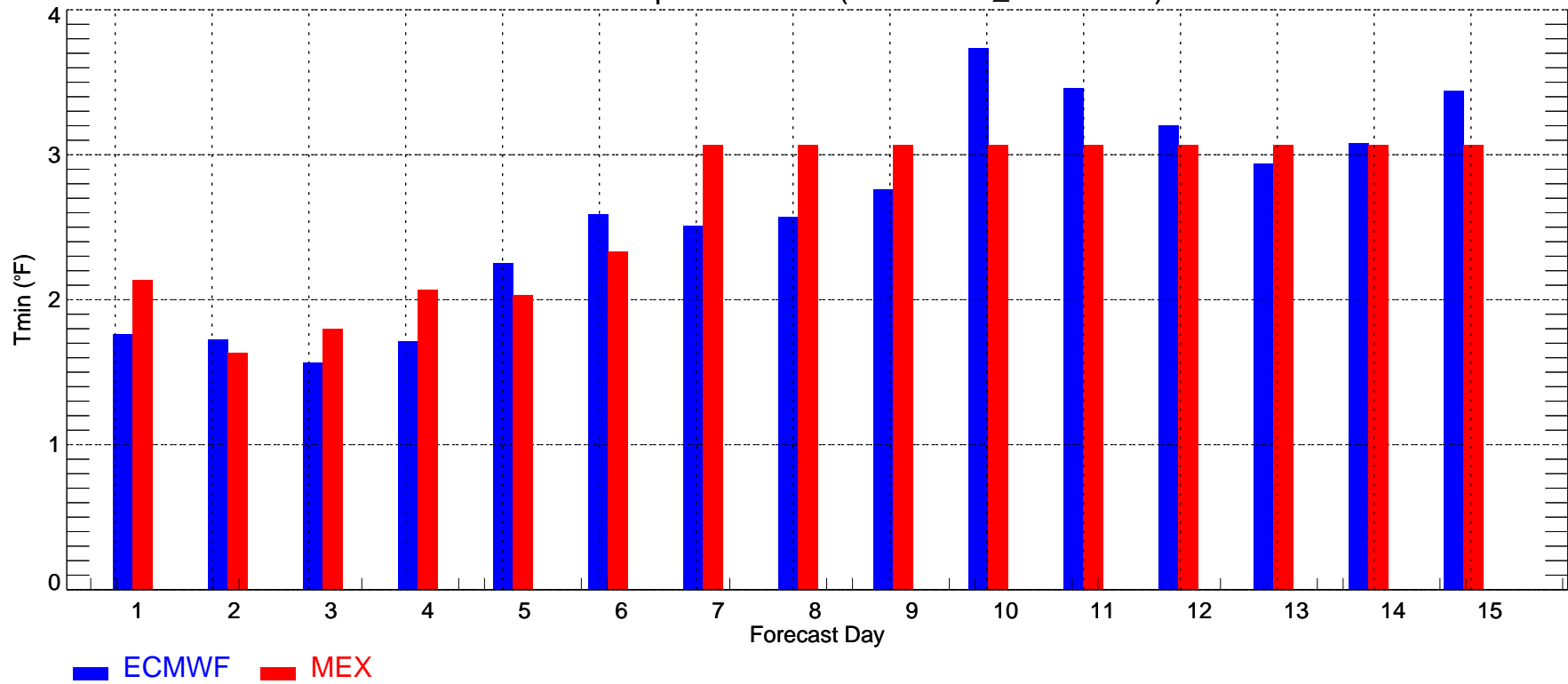
SEA: Min Temperature MAE (2007-12-01_2007-12-31)



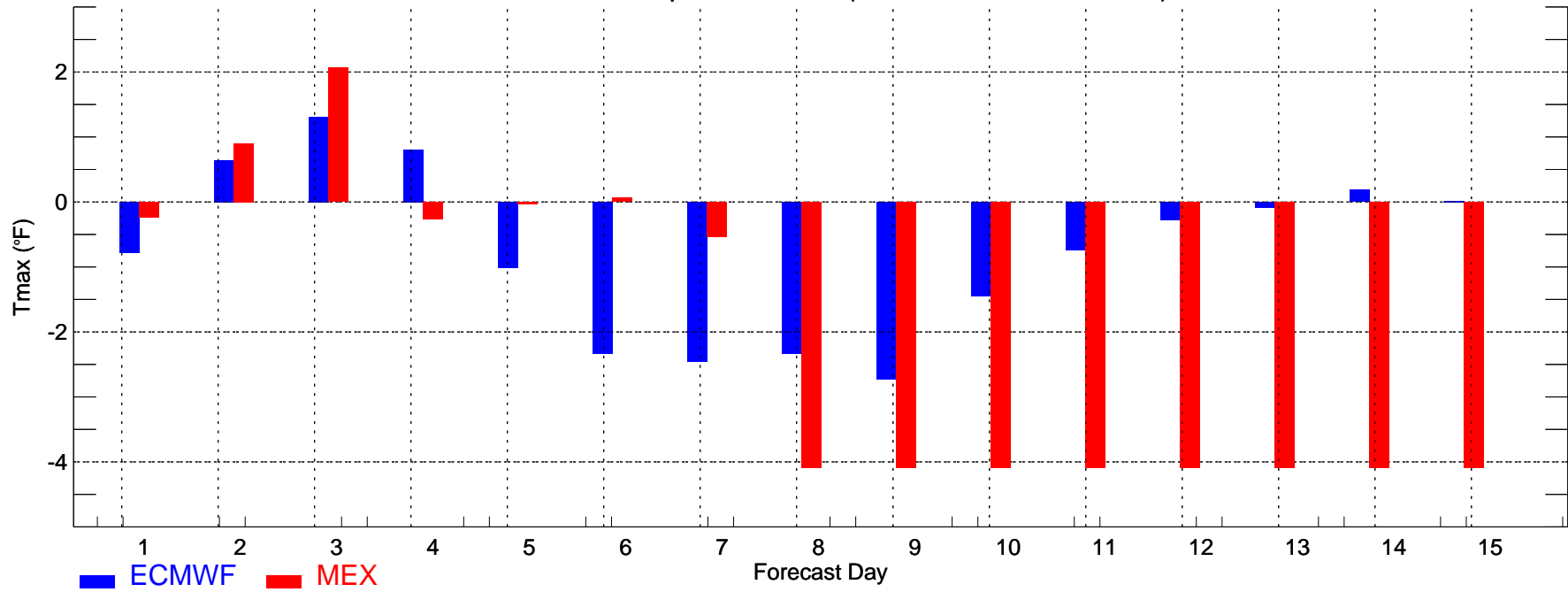
SFO: Max Temperature MAE (2007-12-01_2007-12-31)



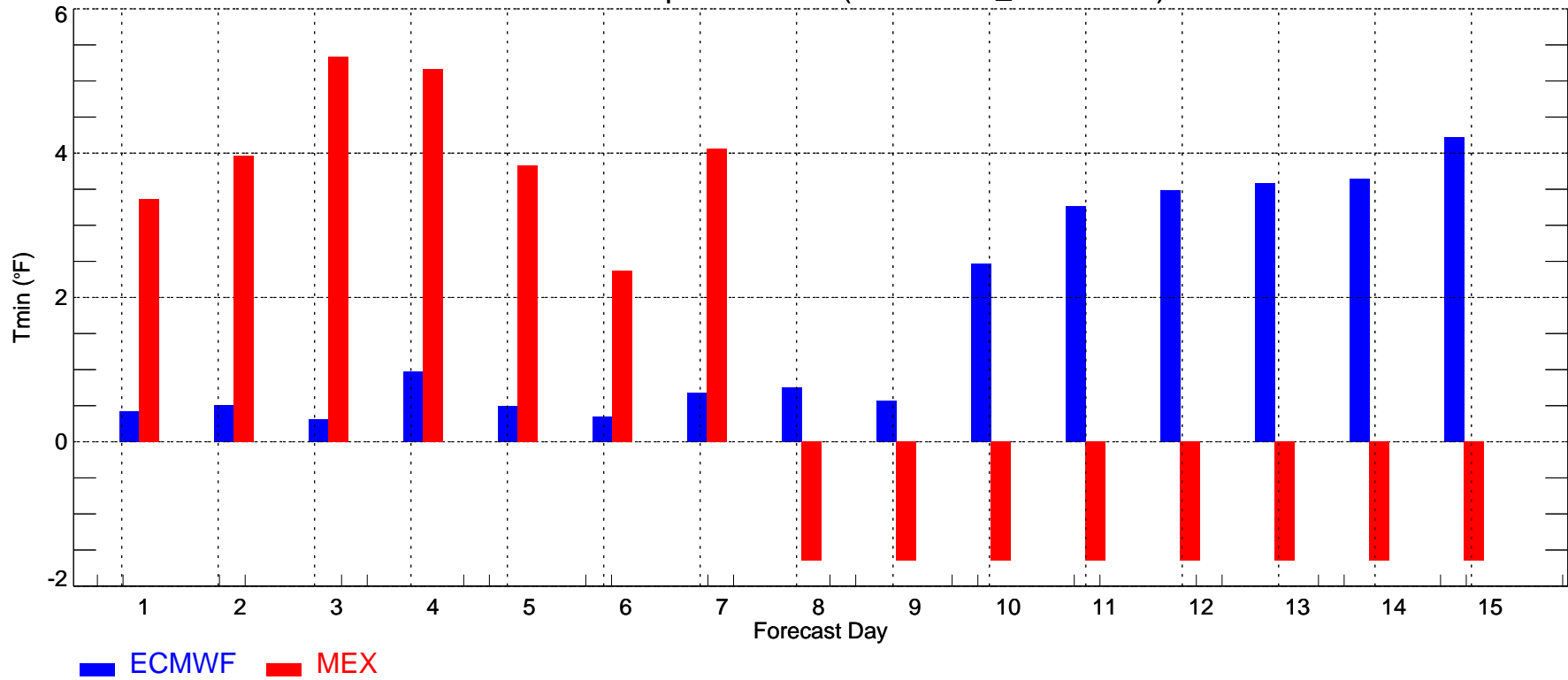
SFO: Min Temperature MAE (2007-12-01_2007-12-31)



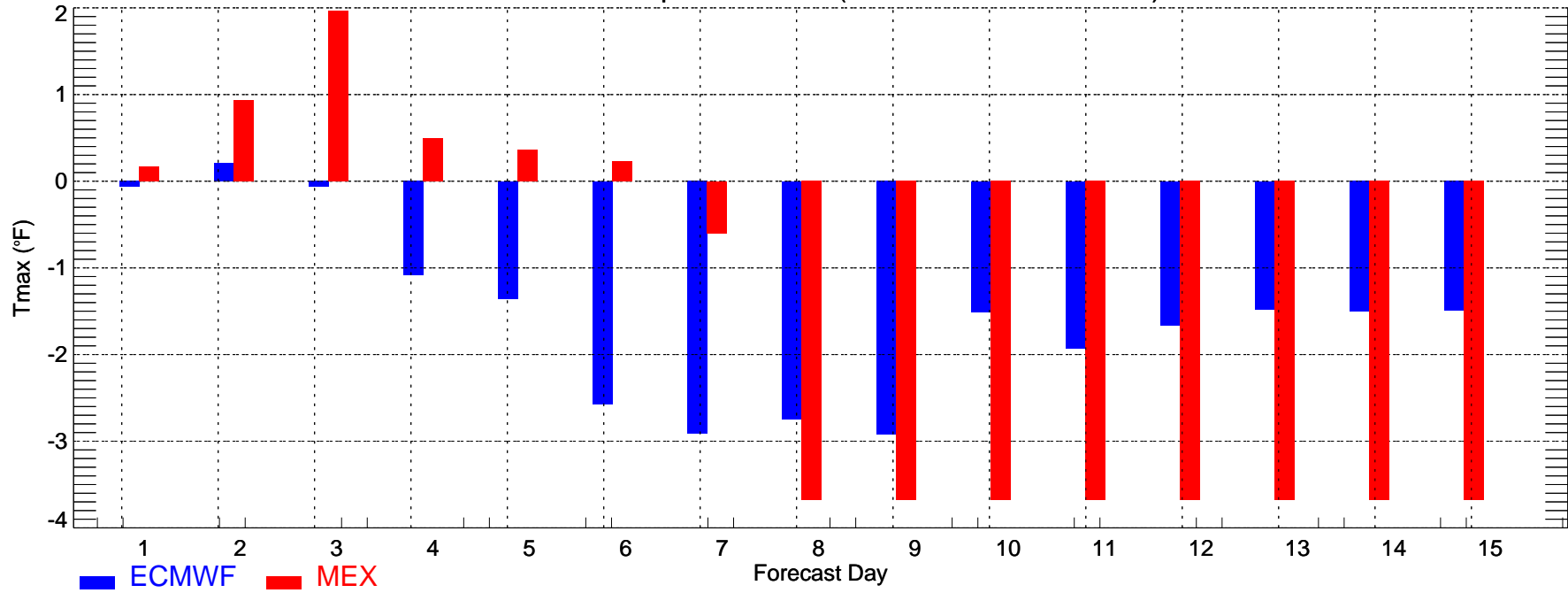
DFW: Max Temperature Bias (2007-12-01_2007-12-31)



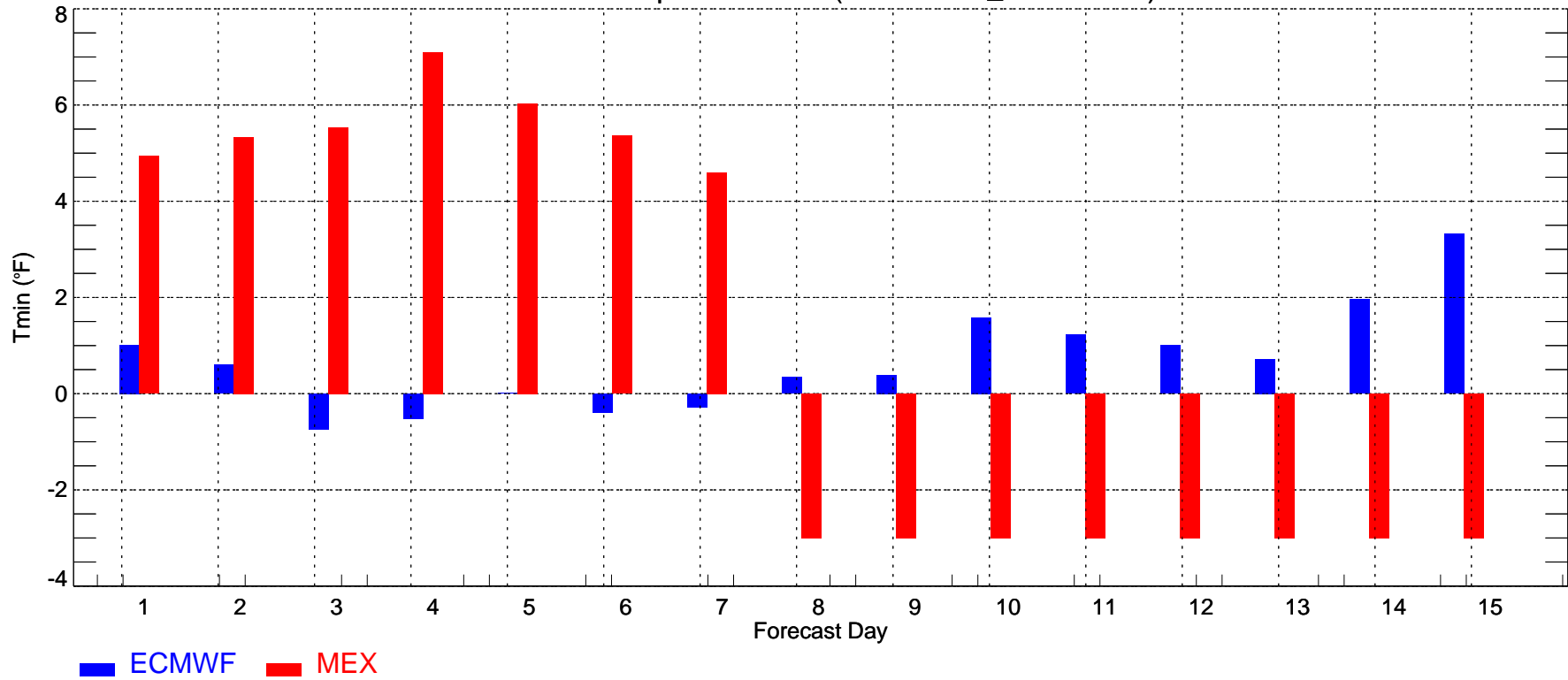
DFW: Min Temperature Bias (2007-12-01_2007-12-31)



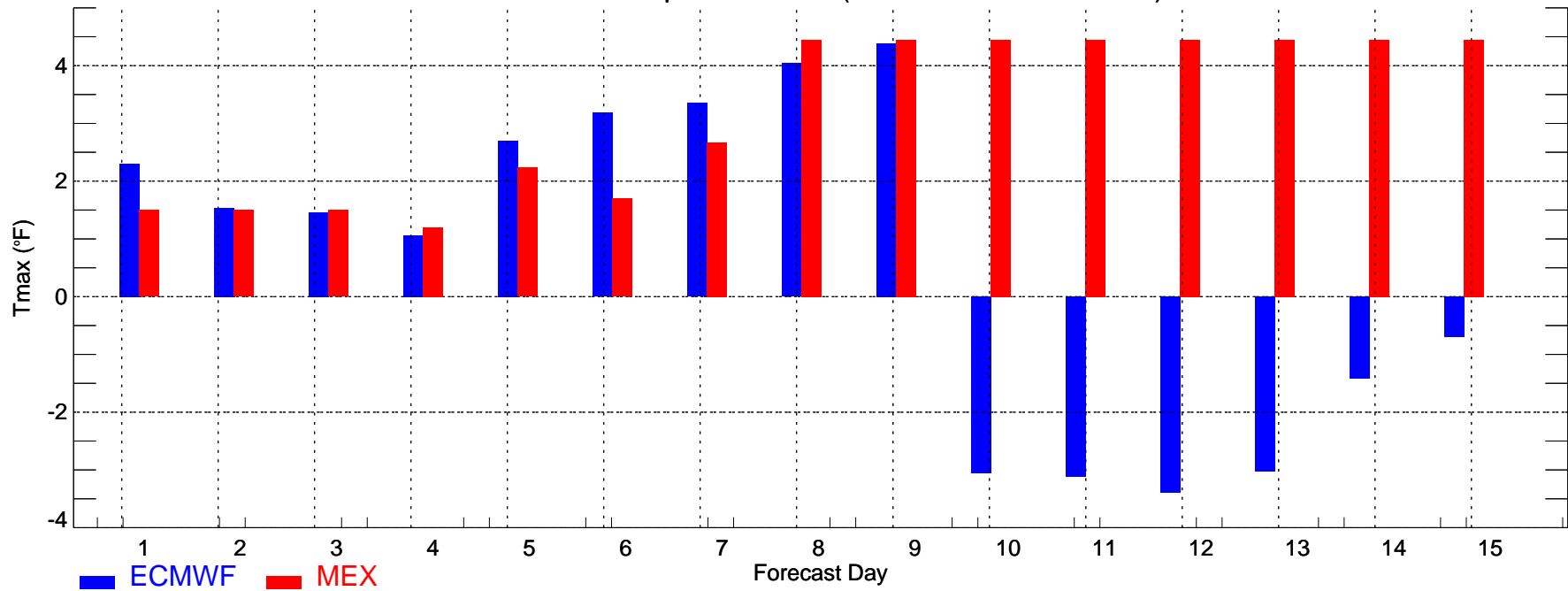
IAH: Max Temperature Bias (2007-12-01_2007-12-31)



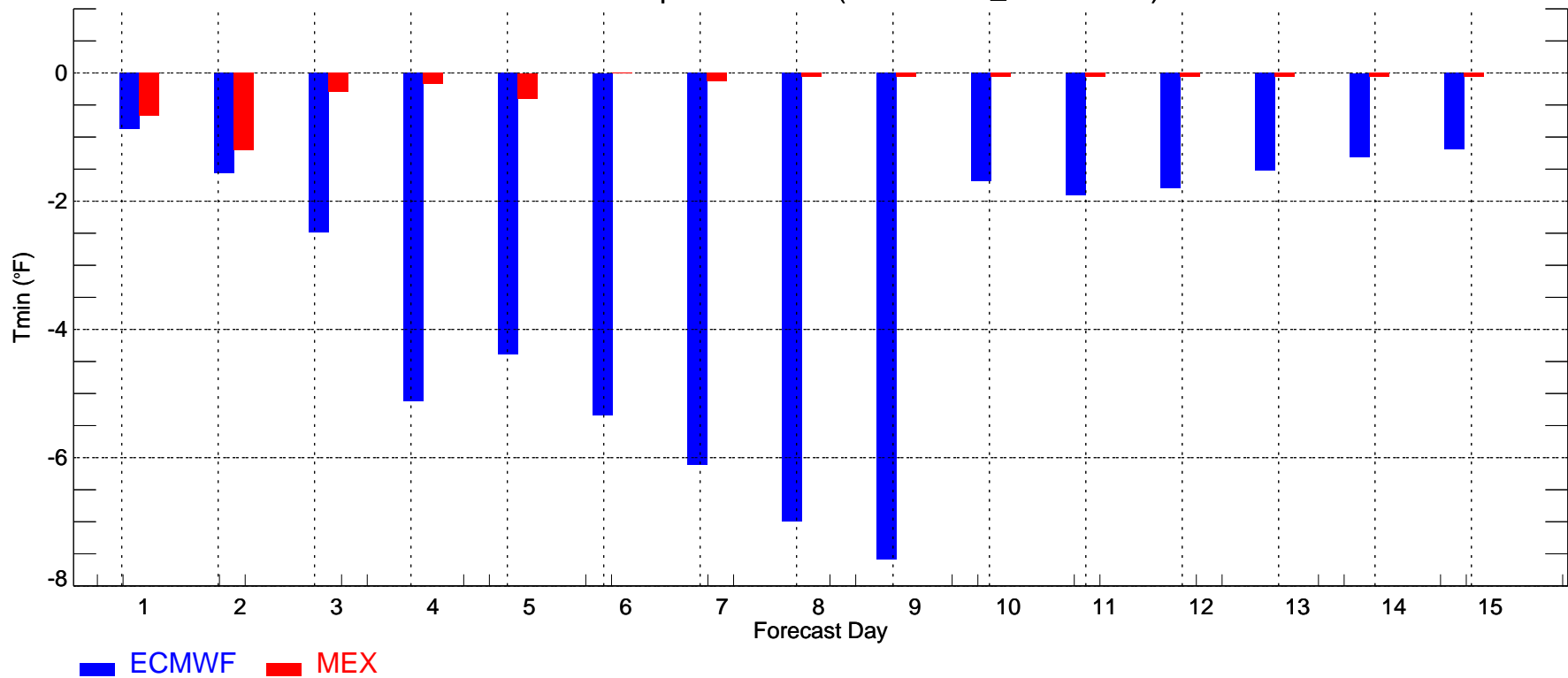
IAH: Min Temperature Bias (2007-12-01_2007-12-31)



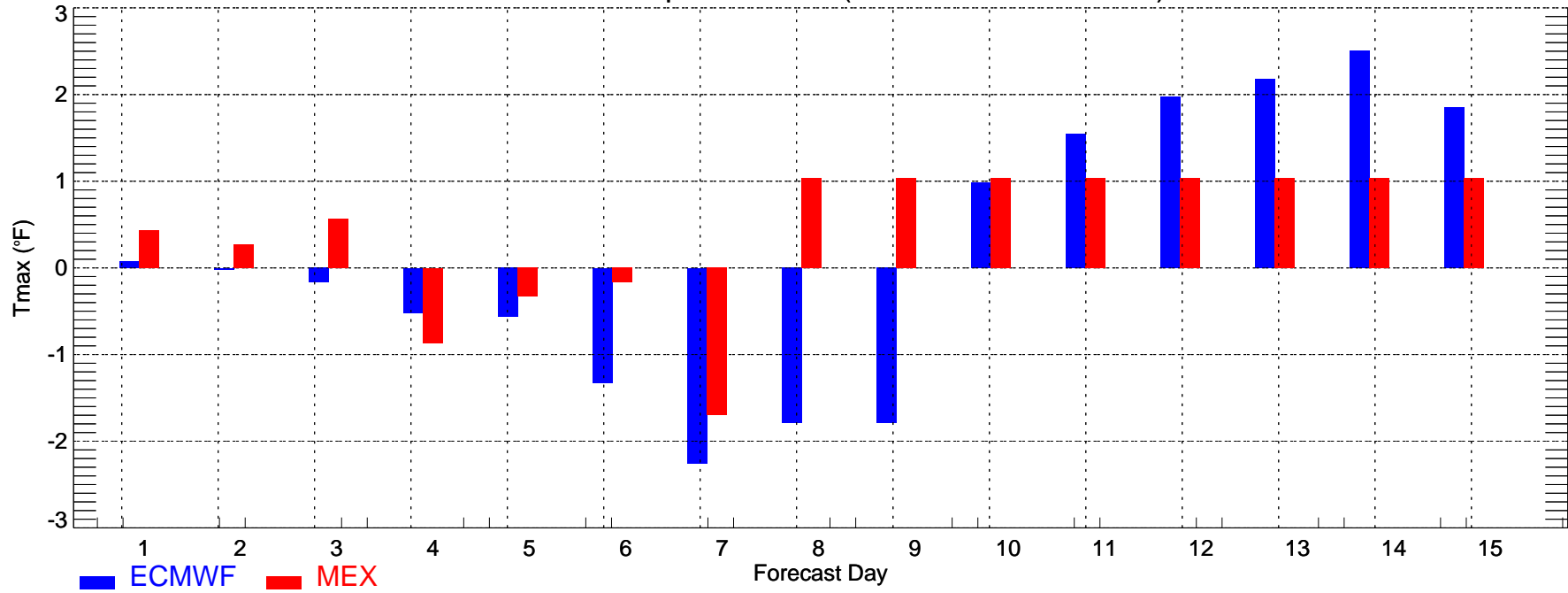
LAX: Max Temperature Bias (2007-12-01_2007-12-31)



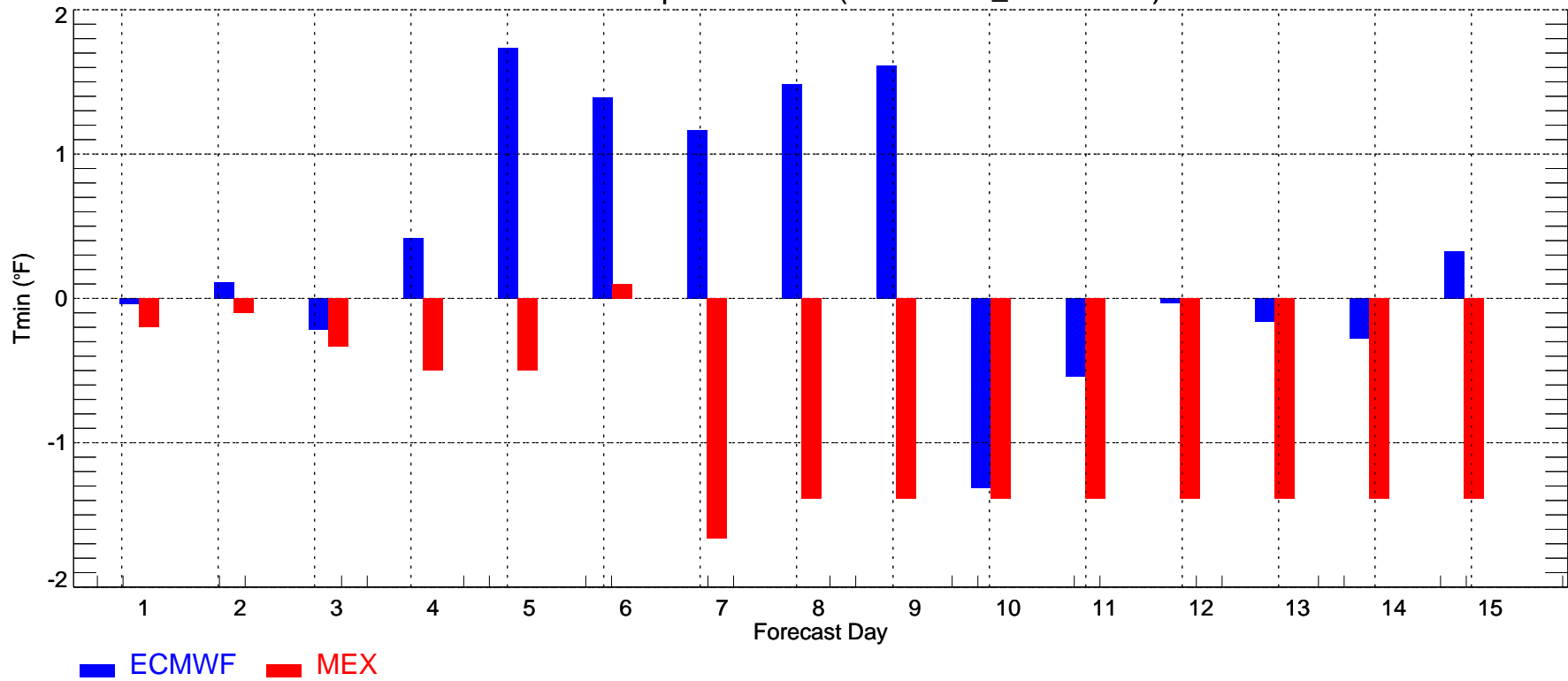
LAX: Min Temperature Bias (2007-12-01_2007-12-31)



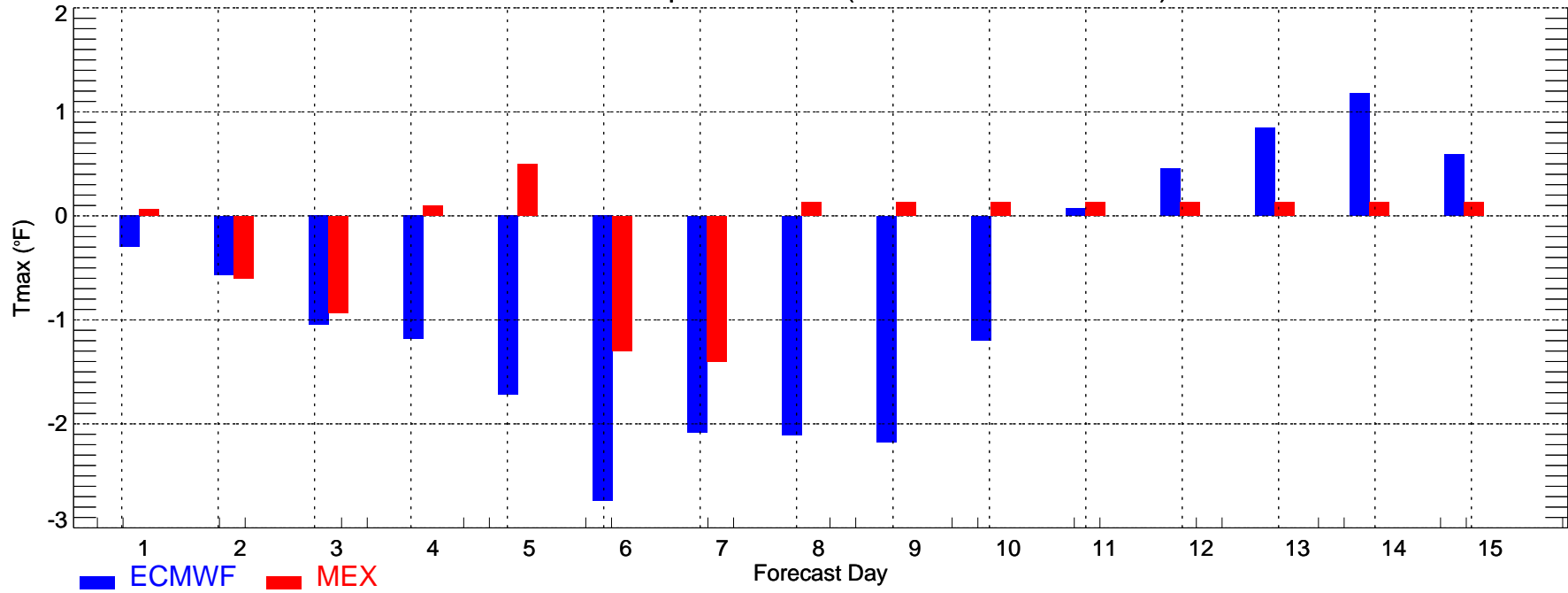
LGA: Max Temperature Bias (2007-12-01_2007-12-31)



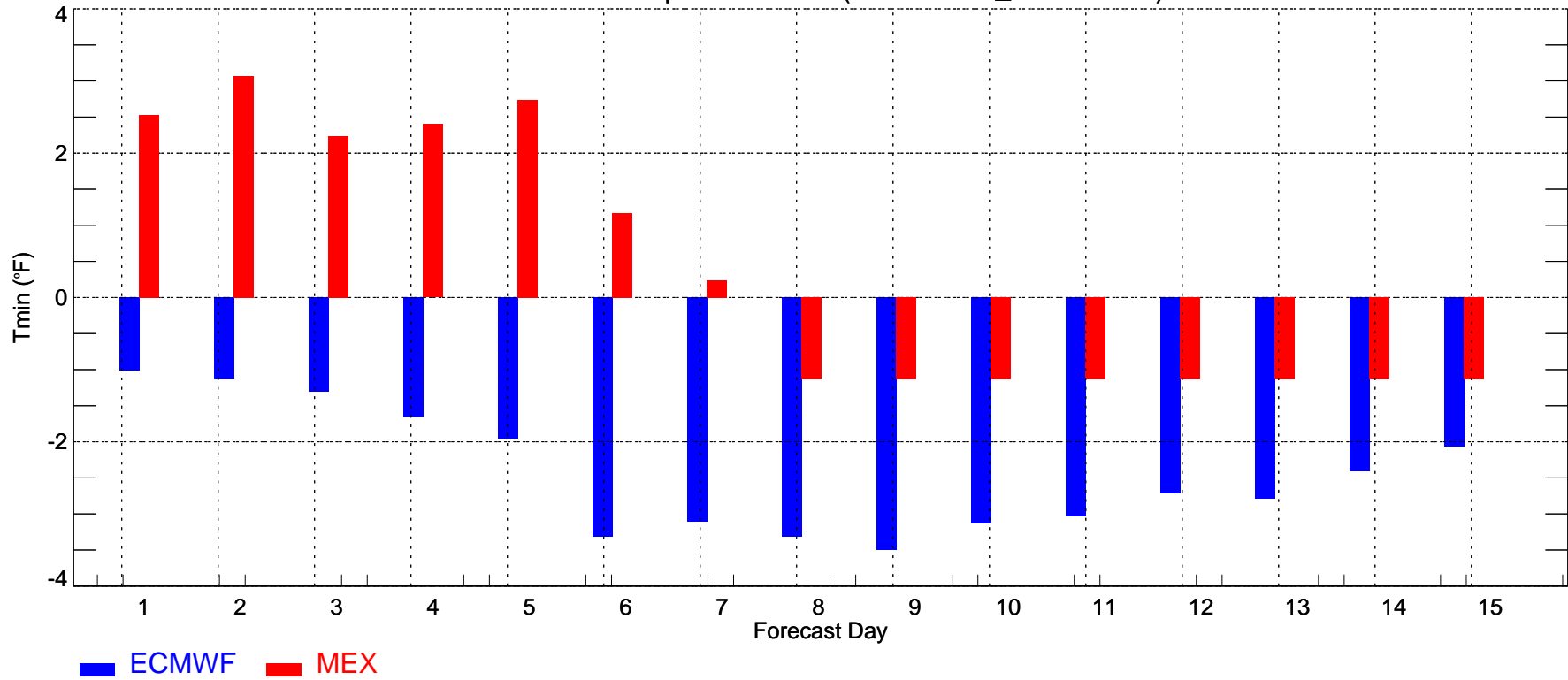
LGA: Min Temperature Bias (2007-12-01_2007-12-31)



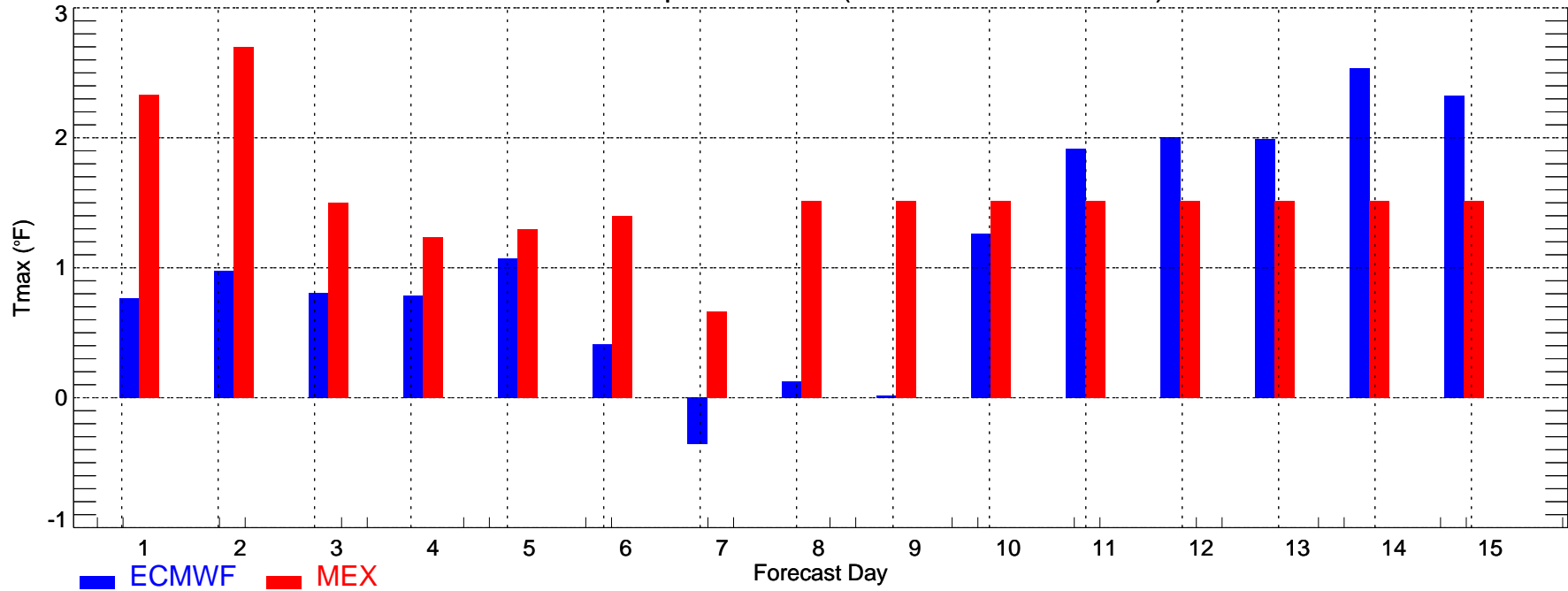
ORD: Max Temperature Bias (2007-12-01_2007-12-31)



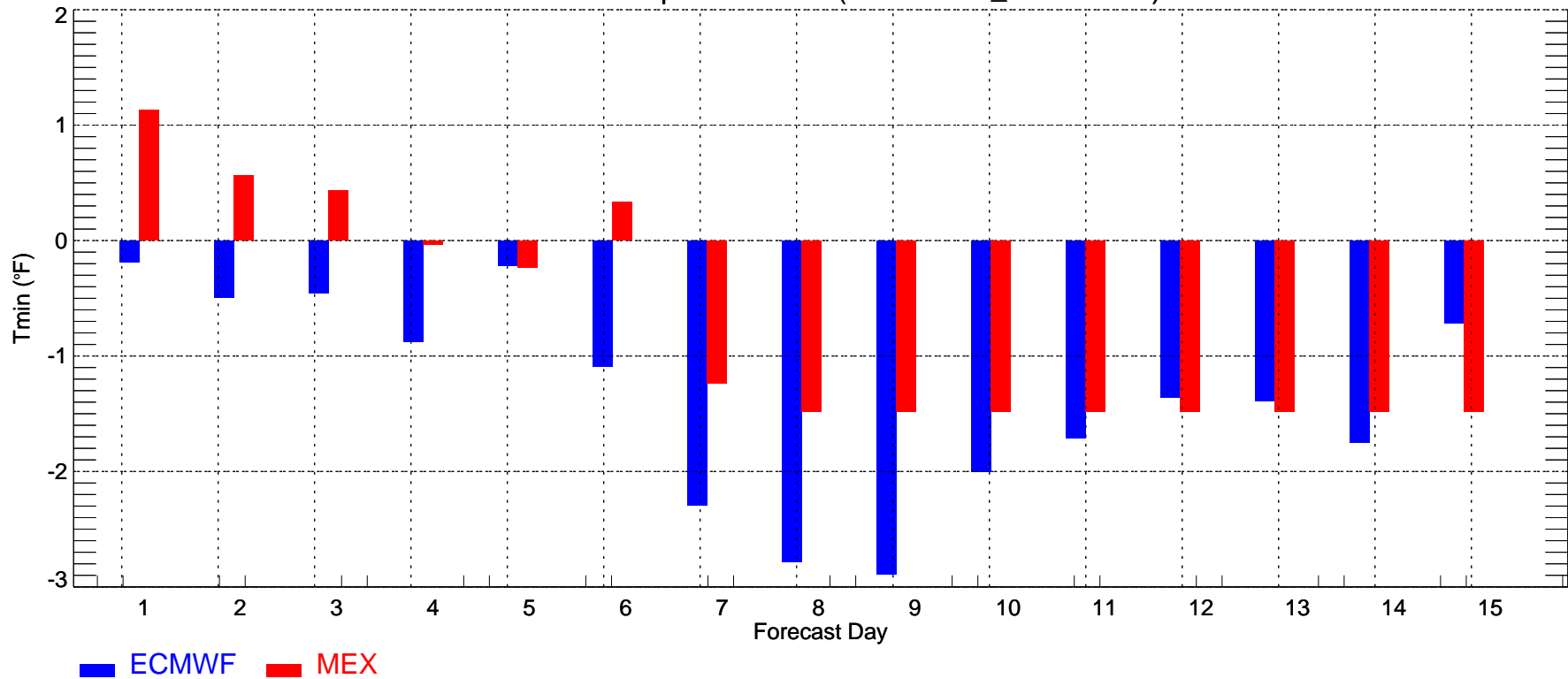
ORD: Min Temperature Bias (2007-12-01_2007-12-31)



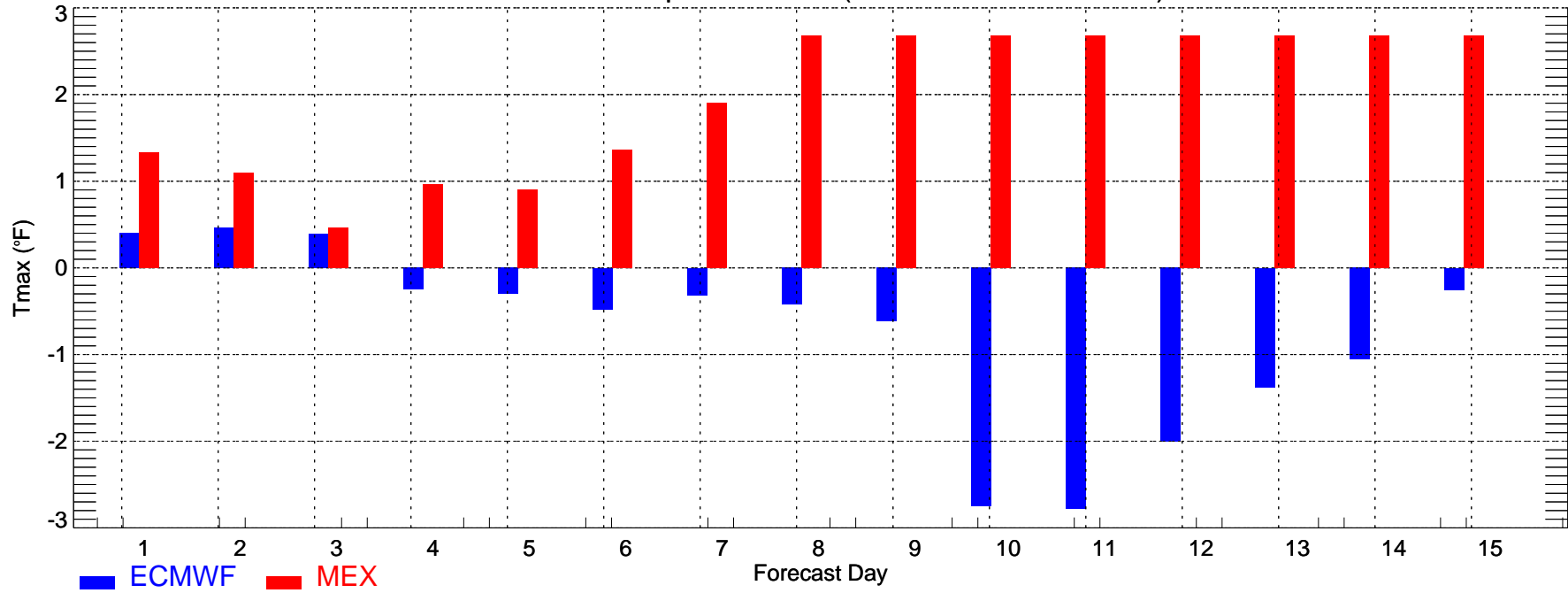
PHL: Max Temperature Bias (2007-12-01_2007-12-31)



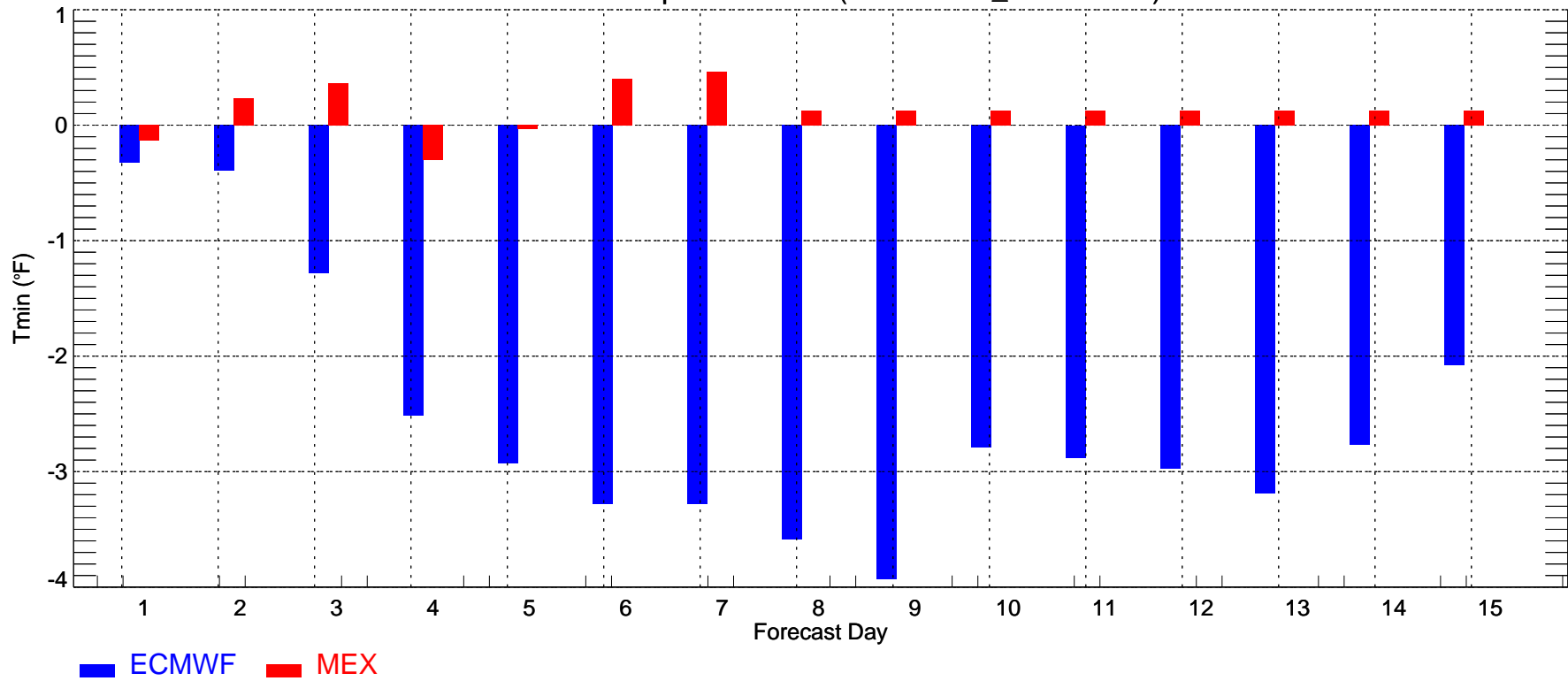
PHL: Min Temperature Bias (2007-12-01_2007-12-31)



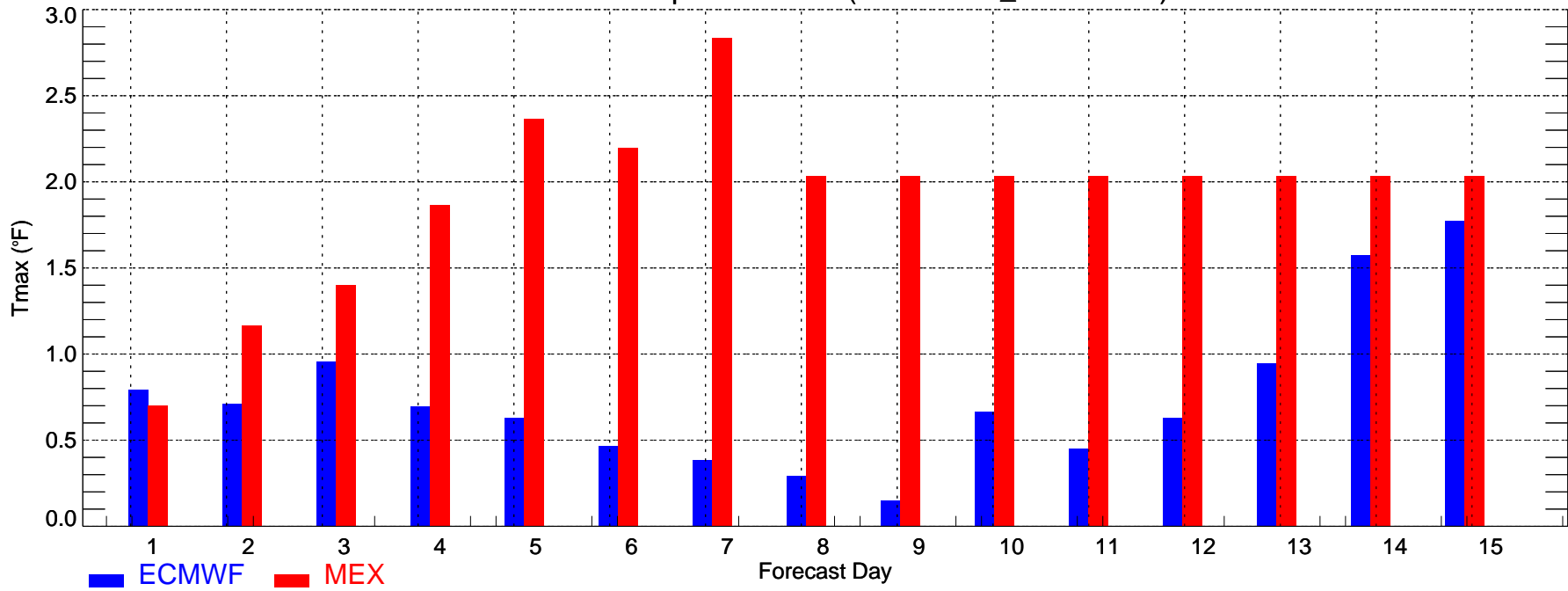
SEA: Max Temperature Bias (2007-12-01_2007-12-31)



SEA: Min Temperature Bias (2007-12-01_2007-12-31)



SFO: Max Temperature Bias (2007-12-01_2007-12-31)



SFO: Min Temperature Bias (2007-12-01_2007-12-31)

